

STATE OF CALIFORNIA

CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD

Base Year Modification Request Certification

Part 2: Generation Study - Includes Extrapolation of Residential or Non-Residential Diversion Data

To request a substitution for a previously approved base year used in calculating the diversion rate for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to reach your OLA representative.

Mail completed documents to:

California Integrated Waste Management Board
Office of Local Assistance (MS - 25)
1001 I Street
PO Box 4025 (mailing address)
Sacramento, CA 95812-4025

General Instructions:

Please select the **ONE** choice below that best explains your request to the Board.

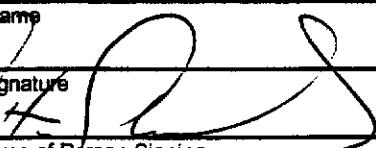
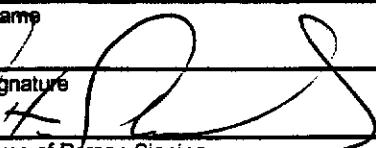
1. Use a recent generation-based study to calculate our current reporting year generation amount, but not officially change our existing Board-approved base year.
2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.

The shaded cells on these sheets are protected. If you have problems using these sheets, please contact your Office of Local Assistance representative by calling (916) 341-6199

Section I: Jurisdiction Information and Certification

All respondents must complete this section.

I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:

Jurisdiction Name 	County Riverside		
Authorized Signature 	Title Public Works Manager		
Type/Print Name of Person Signing Curtis Showalter	Date Jan-02	Phone () Include Area Code (909) 279-3677	
Person Completing This Sheet (please print or type) Curtis Showalter	Title Public Works Manager		
Affiliation: <input checked="" type="checkbox"/> City of Corona			
Mailing Address 306 S. Vicentia Street	City Corona	State California	ZIP Code 92882
E-Mail Address curtiss@ci.corona.ca.us			

Section II: Information for New Generation-Based Study

Attach additional sheets if necessary—reference each response to the appropriate cell number (e.g., "4").

Note: New base years must be representative of a jurisdiction's disposal and diversion.

1. Current Board-approved existing base year: 1990	2. Proposed new generation-based study year: 2000
3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:	
The new generation number better reflects the disposal and diversion activities in the year 2000. Corona, in partnership with its franchised hauler, has implemented and maintained numerous diversion practices since 1990 and continues to seek out and implement various approaches to reducing waste. Better measurement and reporting methods are in place, including the Disposal Reporting System which is set up at the landfills, as well as better tonnage record keeping by the City and Hauler. There are no significant diversion tonnages listed which are not representative of an average year.	

4. Enter diversion rate information below.

Diversion rate calculated using existing base year	a. 38 %	Diversion rate calculated using new generation-based study	b. 60 %
For existing base year pounds/person/day based on generation	12	For new generation based study pounds/person/day based on generation	15
Residential generation 31 % Non-Residential generation 69 %		Residential generation 19 % Non-Residential generation 81 %	
Population existing generation-based study	75943	Population new generation-based study	123000

5. If there is an increase from 4a to 4b, please explain how the new diversion rate is consistent with your current diversion implementation efforts. If the proposed new generation tonnage results in an increase in your pounds/person/day, please explain how this is consistent with your current diversion implementation efforts and provide examples (e.g., change in jurisdiction's demographics).

The new diversion rate is the result of a detailed Generation Study. The new study accounts for tonnages using actual volumes and weights, whereas the 1990 base year study established tonnages based on estimations. The new study reflects the actual diversion activities within the City, as well as providing a tool for the continual diversion programs and implementation. The City has experienced commercial and residential growth. This, in conjunction with the City's concentrated efforts to reach its diversion goals, has resulted in the increased diversion rate. New diversion programs and technical assistance programs have been piloted or implemented in the City, as described in the PARIS section of the 2000 Annual Report. As the City grows, it is further committed to pursuing continued increases in recycling by further improving and expanding programs and diversion opportunities.

6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the specific reasons for the difference. (For example: new/improved curbside diversion programs.)

The difference is due to the effectiveness of the new programs that the City has put in place and the partnership that has been created between the City and its franchise waste hauler, Waste Management of Inland Empire. The City is also constantly improving its programs. One such example would be the continued technical assistance provided for businesses in the City. Data collected from on-site surveys are reviewed for potential new programs. The use and the reporting of ADC has been encouraging, as well as capturing, the City's Biomass diversion. Also, the City has taken steps to ensure the documentation of the recycling and reuse efforts of its local businesses are maintained which was not a function that was previously administered. Furthermore, the City has continually sought to, and will continue to, take steps to improve its recycling tonnage efforts and reporting system through partnerships with local business and computer technology. The following are just several examples of the many proactive steps taken by the City which would account for the difference in diversion rates.

7. Disposal Tonnage (enter values):

36452	123067	159519
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Residential Non-Residential Total

Please select the **ONE** choice below that best explains your disposal data and complete the required tables.

- a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.)
- b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at www.ciwmrb.ca.gov/LGCentral/Forms/rytnmdrq.doc)
- c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at www.ciwmrb.ca.gov/LG Central/Forms/rytnmdrq.doc)

8. In the table below, list the summarized diversion activities and diversion data records that support your claim and are available for Board audit. (Note: *the Board expects the jurisdictions to be able to provide all backup documentation, if requested.*) Include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (sheet will perform all addition calculations). If any diversion is from restricted wastes (i.e., agricultural wastes, inert solids [e.g. concrete, asphalt, dirt, etc.], white goods, and scrap metal), please identify those programs/waste types and fill out section 11. **Note:** *Restricted waste material should not be extrapolated in non-residential waste audits.* Please mark as attachment 8 all copies of survey sheets.

* Please provide detailed non-residential waste audit information in Section 9.

Note: The Board has indicated that it will be scrutinizing total source reduction amounts greater than 5% of total generation. Please be prepared to

Diversion Activity	Actual Tons Please use the Board's program types. The program type glossary is online at: www.ciwmrb.ca.gov/LGCentral/PARIS/Codes/Reduce.htm	Estimated or Extrapolated Tons (A)	Total Tons (B)	Relative Percent to Total Generation (A+B)/Total Generation	Specific Material Type(s) (List programs with multiple materials together)	Specific Conversion Factor Used (if any) and Source	Type of Record and Location of Record
Residential Source Reduction Activities							

Backyard Composting	3		3.375			750 lbs/compost bins/year, Home Composting in Alameda County	2000 Backyard composting program, Workshop attendance & bin sales for Corona. Loc: waste hauler administration office
Grasscycling	0			0.0%	Composting bins	1997	

Other Residential Source Reduction (list each program separately)

Enter program name							
Enter program name							
Enter program name							

Enter program name							
Enter program name							
Subtotal, Res.							
Source Reduction	3	0	3.375	0.0%			
Residential Recycling Activities							
Curbside Recycling					cardboard, plastics #1-6, pizza boxes, paperboard, steel cans, Al, glass bottles, magazines / catalogs, junk mail, newspapers		
	6926	N/A	6926.26	1.7%	Tonnage report, Franchise Hauler	Residential curbside tonnage recycling report, City public works department	
Buyback Centers					Aluminum, glass, and plastic redemption containers	Weight Report, Department of Conservation	
	1127	N/A	1127.32	0.3%		DOC Report, City Public Works Department	
Drop-off Centers		N/A					
Other Residential Recycling (list each program separately)							
Bulky Item Recycling	40	N/A			appliances, old couch	Tonnage report, Franchise Hauler	Residential recycling tonnage report, City public works department
Enter program name		N/A	40	0.0%			
Enter program name		N/A					
Enter program name		N/A					
Enter program name		N/A					
Subtotal, Residential Recycling	8094		8093.58	2.0%			
Residential Composting Activities							
Green Waste Drop-off	0	N/A					

Curbside Green Waste	18665	N/A	18664.61	4.6%	Grass clippings, trees, and shrub clippings, including Christmas trees	Tonnage report, Franchise Hauler	Residential greenwaste recycling tonnage report, City public works department
Christmas Tree Program	0	N/A			mixed w/ Curbside green waste		
Other Residential Composting (list each program separately)							
Enter program name		N/A					
Enter program name		N/A					
Enter program name		N/A					
Enter program name		N/A					
Enter program name		N/A					
Subtotal, Residential Composting	18665		18664.61	4.6%			
Subtotal, Residential Diversion	26762	0	26761.57	6.7%			
Non-Residential Source Reduction Activities							
Non-Residential Waste Audits*	9985	11316	21300.71	5.3%	See Section 9	See Section 9	See Section 9
Other Non-Residential Source Reduction (list each program separately)							
City grasscycling	1794	N/A	1794	0.4%	grass clippings	6.5 tons/acre/year, UC Riverside Ext. Study	City grasscycling report, City Public Works Department
City tree trimming & mulch		N/A					
School grasscycling	780	N/A	780	0.2%	grass clippings	6.5 tons/acre/year, UC Riverside Ext. Study	School grasscycling acreage, Corona-Norco Unified School District Maintenance Dept.
Enter program name		N/A					
Enter program name		N/A					
Subtotal, Non-Residential Source Reduction	12559	11315.71	23874.71	5.9%			

**Non-Residential
Recycling Activities**

Non-Residential Waste Audits*	34168	64584	98751.78	24.6%	See Section 9	See Section 9	See Section 9
Other Non-Residential Recycling (list each program separately)							
City recycling	0	N/A			mixed w/ Commercial recycling		
Government tire recycling	6	N/A	6.09	0.0%	car tires	20 lbs/tire, USEPA	CIWMB Waste Tire Hauler Manifest, City Public Works Department
Curbside Collection of Used Motor Oil		N/A			Used motor oil	Tonnage report, Franchise Hauler	Household Hazardous Waste Report, City Public Works Department -- 4 tons
Wood waste going to biomass	44935	N/A	44934.9	11.2%	wood waste		Tonnage Report - Riverside County Waste Management Department
Enter program name		N/A					
Subtotal Non-Residential Recycling	79109	64583.65	143692.8	35.7%			
Non-Residential Composting Activities							
Non-Residential Waste Audits*	0	0	0.28	0.0%	See Section 9	See Section 9	See Section 9
Other Non-Residential Composting (list each program separately)							
Commercial Self-Haul Greenwaste	1466	N/A	1465.74	0.4%	Green Material	Tonnage report, City public works dept.	Commercial self-haul greenwaste reports, City public works Department
Enter program name		N/A					
Enter program name		N/A					
Enter program name		N/A					
Enter program name		N/A					
Subtotal Non-Residential Composting	1466	0	1466.02	0.4%			
Subtotal, Non-Residential Diversion	93134	75899.36	169033.5	42.1%			

Residential/Non-Residential Diversion							
ADC	13818	N/A	13818.44	3.4%	Green Material	Source: CIWMB Jurisdiction ADC by Facility report for 2000	www.ciwmb.ca.gov/LGTools/DRS/JurDspFa.asp?VW=Out
Sludge	19776	N/A	19776	4.9%	sludge	Tonnage report, USEPA Region IV	Biosolids Annual Report, City public works department
Scrap Metal	116	N/A	116.45	0.0%	scrap metals	scrap metals tonnage reports, franchise hauler	Residential scrap metals recycling report, City public works dept.
Construction and Demolition						C&D tonnage report, Source: County of Orange C&D report, Franchise Hauler C&D tonnage, C&D Contractor (All American Asphalt)	County of Orange and Franchise Hauler C&D Debris Report, and Contractor C&D Report; Location: City public works department
Landfill salvage	12687	N/A	12686.87	3.2%	inerts, asphalt	Tonnage report, LA County Public Works Dept.	LA County 2000 Disposal Report on Beneficial/Used Salvage, City of Corona Public Works Department
Subtotal	266	N/A	265.76	0.1%	salvages		
Residential/Non-Residential Diversion	46664		48129.26	12.0%			
Total Res/Non-Res Source Reduction Tons	12562	11316	23878	5.9%			
Total Diversion Tons	166559	75899.36	242458.6	60%			
Total Disposal Tons from Sec.7	159519		159519	39.7%			
Total Generation (Div+Dis)	326078	75899.36	401977.6				
Diversion Rate				60%			

CORONA TOP 10 BUSINESSES (by Total Diversion Tonnage)

RANK	REF #	Business Type	Activity Description	# of Emp.	Source Reduction	Diversion (weight in pounds)			Year	SHOW CALCULATIONS	Conversion Factor (weight per count)	Source	Conversion tonnage per year	Diversion tonnage per year		
						Recycling	Metals SR	Metals R								
1	183	Manufactures Hardwood Moldings & Shutters	return toner cartridges	25	40.00						other	8 cartridges x 5 lbs/cartridge	6 lbs/cartridge	U.S.EPA	25,365,540.00	12,652.77
			recycle wood shavings		22,575,000.00						organic	25.00/cy/day X 20,000 lbs/cy X 51.6 wks/yr X 5 days/wk=25,800,000 lbs/yr X 87.5% full=22,575,000 lbs/yr	20,000 lbs/40cy	business estimate	22,575,000.00	11,287.50
			recycle wood blocks		1,354,500.00						organic	6,000 lbs/day X 5 days/wk X 51.6 wks/yr=1,546,000 X 67.5% full=1,040,000 lbs/day/3 days=6,333 lbs/day X 5 days/wk X 51.6 wks/yr=1,378,000 lbs/yr	6,000 lbs/day	business estimate	1,354,500.00	677.25
			recycle sand/dust		1,376,000.00						organic	10,000 lbs/day/3 days=6,333 lbs/day X 5 days/wk X 51.6 wks/yr=1,378,000 lbs/yr	10,000 lbs/3 days	business estimate	1,376,000.00	688.00
2	65	Wholesale Tobacco & Food Distribution	recycle plastic film/tapes	300	51,600.00						plastic	1 lbs/bag X 1,000 bags/bale X 51.6 wks/yr=51,600 lbs/yr	1,000 lbs/bale	business estimate	51,600.00	25.80
			recycle OCC corrugated		1,651,200.00						paper	240 lbs @ 40cy x 396.92 bales x 52 wks/yr	396.92 lbs/cy	EcoTelaie field study	1,651,200.00	825.60
			recycle OCC boxes		4,800.00						paper	1 bale/bale x 12 m/cy x 400 lbs/bale	400 lbs/bale	business estimate	4,800.00	2.40
			recycle CPO		27,008.70						paper	3 cy 3 wks x 513.4 lbs/cy X 52 wks/yr	513.4 lbs/cy	Tellus	27,008.70	13.50
			recycle wooden pallets		14,400.00						organic	20 pallets/m/cy x 40 bales/bale x 12 m/cy	40 bales/bale	U.S.EPA	14,400.00	7.20
			switch to bulk roll towels		1,634.88						paper	2 cases/cyl x 15 lbs/cyl x 52 wks/yr	15 lbs/case	business estimate	1,634.88	0.82
			return large toner cartridges		250.00						other	50 cartridges x 5 lbs/cartridge	5 lbs/cartridge	U.S.EPA	250.00	0.13
			recycle truck tires		32,000.00						other	400 tires/cyl x 80 lbs/tire	80 tires	business estimate	32,000.00	16.00
			implement voice mail		2,580.00						paper	1,000 sheets/day X 258 days/yr X .01 lbs/sheet= 2,580 lbs/yr	.01 lbs/sheet	U.S.EPA	2,580.00	1.29
			implement electronic order reuseable totes used		12,800.00						paper	6,000 sheets/day X 258 days/yr X .01 lbs/sheet= 12,800 lbs/yr	.01 lbs/sheet	U.S.EPA	12,800.00	6.45
			#REUSEABLETOTES								paper	4,000 totes/day x 8 hrs/tote x 258 days/yr	8 hrs/tote	business estimate	8,250,000.00	4,128.00
3	238	Mfg. Lumber products		84							paper	35 pc/cyl x 2.2 lbs/cyl x 52 wks/yr	2.2 lbs/cyl	U.S.EPA	4,004.00	2.00
			recycle med OCC boxes		4,004.00						organic	40 cyl/day x 375 lbs/cyl x 261 days/yr	375 lbs/cy	Tellus	3,815,000.00	1,957.50
			recycle sawdust		3,815,000.00						organic	40 cyl x 2 days x 240 lbs/cyl x 359 days/yr	240 lbs/cyl	Tellus	1,720,146.60	860.07
4	88	Mfg. Electric guitar & amplifier	recycle office white ledger	800	13,088.36						paper	2/2 m/cy @ 3 wks x 363.51 lbs/cy x 12 m/cy	363.51 lbs/cy	Tellus	13,086.36	6.54
			recycle CPO flattened		34,722.13						paper	40 cyl x 3 wks x 52 lbs/cyl x 52 wks/yr	50 lbs/cyl	Tellus	34,722.13	17.36
			recycle scrap metal		67,950.00	M=1992					metal	6.25 cy/mo x 900 lbs/mo x 12 m/cy	900 lbs/mo	Tellus	67,950.00	33.98
			recycle plastic drums		10,800.00						plastic	60 drums/mo x 15 lbs/drum x 12 m/cy	15 lbs/drum	UCLA	10,800.00	6.40
			recycle wood chips		998,400.00						organic	2M/cy @ 40 cyl x 240 lbs/cyl x 52 wks/yr	240 lbs/cyl	Tellus	998,400.00	499.20
			recycle sawdust		3,120,000.00						organic	2 roll-off-40 cyl/roll x 375 lbs/cyl x 2M/cy x 52 wks/yr	375 lbs/cy	Tellus	3,120,000.00	1,560.00
			recycle 55 gal metal drums		18,000.00	M=1992					metal	50 drums/mo x 50 lbs/drum x 12 m/cy	50 lbs/drum	business estimate	18,000.00	0.90
			reuse CPO boxes		65,250.00						paper	2.5 cyl/day x 261 days/yr	2.5 lbs/cyl	U.S.EPA	65,250.00	3.23
			switch to reusable mugs		1,586.00						paper	65 cups/day x 261 days/yr	.01 lbs/cup	business estimate	1,586.00	0.78
			double-side and reuse as scratch		90.00						paper	1.5 cups/day x 5 days/yr	.01 lbs/cup	U.S.EPA	90.00	0.05
			reuse 55 gal metal drums		15,060.00	M=1992					metal	2 drums/day x 30 weeks/m/cy x 261 days/yr	30 lbs/drum	business estimate	15,060.00	7.93
			reuse steel tubes		10,687.00	M=1992					metal	2 houses/4.5 mos x 500 lbs/house x 4 bales/tube x 12 m/cy	4 bales/tube	business estimate	10,687.00	5.33
			reuse wood pallets		2,810.00						organic	12.5 pallets/day x 40 bales/pallet x 5 (for breakage)= 261 days/yr	40 bales/pallet	U.S.EPA	2,810.00	1.31
			implement electronic timecards		312.00						paper	600 timesheets x .01 lbs/sheet x 52 wks/yr	.01 lbs/sheet	U.S.EPA	312.00	0.15
			share magazine subscriptions		374.40						paper	6 magz/4 wks x 3 hrs/magz x 52 wks/yr	3 hrs/10 magazines	U.S.EPA	374.40	0.19
5	42	Mfg. White boards & Tite Boards	recycle office white ledger	475	13,085.36						paper	3 cyl/mo x 363.51 lbs/cyl x 12 m/cy	363.51 lbs/cy	Tellus	13,085.36	6.54
			recycle OCC boxes		23,074.13						paper	40 cyl x 1-wk x 16.84 lbs/cyl x 52 wks/yr	16.84 lbs/cyl	Tellus	23,074.13	11.54
			recycle aluminum scrap, increase since 1990		42,000.00	M=before 1990					metal	40 cyl/mo x 175 lbs/cyl x 12 m/cy	175 lbs/cyl	Tellus	42,000.00	21.00
			recycle asbestos		3,915,000.00						organic	40 cyl/day x 375 lbs/cyl x 261 days/yr	375 lbs/cy	Tellus	3,915,000.00	1,957.50
			recycle scrap wood		79,087.20						organic	40 cyl/mo x 329.63 lbs/cyl x 12 m/cy	329.63 lbs/cyl	Tellus	79,087.20	39.54
			recycle broken pallets		52,000.00						organic	50 pallets/2 wks x 40 bales/pallet x 62 wks/yr	40 bales/pallet	U.S.EPA	52,000.00	26.00
			return toner cartridges		140.00						other	14 cartridges/3 mo x 2.6 lbs/cartridge x 12 m/cy	2.6 lbs/cylinder	U.S.EPA	140.00	0.07
			return 5 gal containers		977.60						plastic	40 entr/2 wks x .94 lbs/cyl x 52 wks/yr	.94 lbs/contains	orig aud wl	977.60	0.49
6	101	Beverage wholesale/distribution	recycle office white ledger	76	6,625.00						paper	10 beers/2 days x 5 beers/m/cy x 261 days/yr	5 lbs/m/cy	U.S.EPA	6,525.00	3.26
			recycle OCC boxes		3,276,000.00						paper	.01 cyl/30 bats x 700 lbs/bale x 52 wks/yr	700 lbs/bale	business estimate	3,279,000.00	1,638.00
			recycle OCC boxes, increase since 1990		7,887.20						paper	16.64 lbs/cyl	16.64 lbs/cyl	Tellus	7,887.20	3.99
			recycle shrink wrap		2,060.00						plastic	65-gal/wk x 40 bales/wk	40 bales/wk	business estimate	2,080.00	1.04
			reuse OCC sheets		75,120.00						paper	240 chipboards/day x 1 bale/week x 313 days/yr	1 bale/week	business estimate	75,120.00	37.86
			reuse corrugated covers		150.00						paper	.50 covers/2 mos x 5 bales/cover x 12 m/cy	.5 bales/cover	business estimate	150.00	0.08
			reuse paper as scratch		1,568.00						paper	600 paper sheets/day x .01 b/sheet x 261 days/yr	.01 b/sheet	U.S.EPA	1,568.00	0.78
			double-side copies		625.00						paper	16.5 copies/mo x 5 bales/mo x 12 m/cy	5 bales/mo	U.S.EPA	60.00	0.03
			donate canned food		27,848.00						organic	16.5 cases/mo x 10 researcases/5 lbs/can	5 bales/mo	U.S.EPA	825.00	0.41
7	223	Paper packaging industry	recycle white paper	86	2,080,000.00						paper	20 tons/wk x 2000 lbs/ton x 52 wks/yr	20 tons/week	business estimate	2,722,073.68	1,361.84
			recycle brown paper		490,000.00						paper	20 ton/mo x 2000 lbs/ton x 12 m/cy	20 ton/month	business estimate	490,000.00	240.00
			OCC recycled		20,841.60						paper	.00 cyl/mo x 50 lbs/cyl x 52 wks/yr x (0.5 x 4 cyl/mo x 50 bales/cyl x 52 wks/yr)	50 lbs/cyl	Tellus	20,841.60	10.42
			mixed paper recycled		37,752.00						paper	0.5 x 3 cyl/mo x 484 bales/cyl x 52 wks/yr	484 lbs/cyl	Tellus	37,752.00	18.88
			recycle wooden pallets		12,450.00						organic	6 pallets/mo x 40 bales/bale x 62 wks/yr	40 bales/mo	U.S.EPA	12,450.00	6.24
			resell OCC to petroline		52,000.00						paper	1,000 bales/2 wks x 52 wks/yr	1,000 bales/2 wks	business estimate	52,000.00	26.00
			donate paper/wrapper		39,000.00						paper	750 lbs/wk x 52 wks/yr	750 lbs/wk	business estimate	39,000.00	19.50
8	139	Manufacture vinyl window and doors	Office paper recycling	229	12,000.00						paper	300 pallets/mo x 26.41 lbs/33-pel x 52 wks/yr	26.41 lbs/33-pel	USEPA	12,000.00	6.00
			Office paper reuse		2,880.00						paper	300 researcards/mo x 52 wks/yr x 80% disposed x 20% reuse x 12 m/cy	52 wks/years	USEPA	2,880.00	1.44
			OCC recycling		39,000.00						paper	30 cyl/mo x 50 lbs/cyl x 52 wks/yr	50 lbs/cyl	flattened	39,000.00	19.50
			OCC reuse copy paper boxes		450.00						paper	30 boxes/mo x 1.25 lbs/box x 12 m/cy	1.25 lbs/box	EcoTelaie field survey	450.00	0.23
			Broken window glass recycled		2,204,280.00						paper	270 cu ft/mo x 157 lbs/cu ft x 52 wks/yr	157 lbs/cu ft	FEECO	2,204,280.00	1,102.14
			Plastic recycling (vinyl short ends and trim)		104,000.00						plastic	40 cyl/2 wks x 100 lbs/cyl x 52 wks/yr	100 lbs/cyl	business estimate	104,000.00	52.00
			Wood pallets to broker		72,800.00						other org	35 pallets/mo x 40 bales/pallet x 52 wks/yr	40 bales/mo	CIVWMB	72,800.00	36.40
			Wood pallets reuse		2,080.00						other org	2 pallets/mo x 40 bales/pallet x 5 (for breakage) x 52 wks/yr	40 bales/5	CIVWMB	2,080.00	1.04
			Toner cartridge sent back		180.00						other	6 cartridges/mo x 2.5 bales/cyl x 12 m/cy	2.5 bales/cyl	USEPA	180.00	0.09
9	149	Manufactures Rubber Products	recycle OCC flattened	48,000.00							paper	40 cyl/2 wks x 50 lbs/cyl x 48 wks/yr	50 lbs/cyl	Tellus	48,000.00	24.00
			recycle scrap metal, increase since 1990		384,000.00	M=before 1990					Metal	32,000 lbs/mo x 12 m/cy	32,000 lbs/month	business estimate	384,000.00	182.00
			recycle scrap rubber		1,440,000.00						Organic	6/m/o @ 20,000 lbs/40cy x 12 m/cy	20,000 lbs/40cy	business estimate	1,440,000.00	720.00
			return toner cartridges		180.00						other	3 cartridges/mo x 5 lbs/cartridge x 12 m/cy	6 lbs/cartridge	U.S.EPA	180.00	0.09
			recycle CPO		41,552.00						paper	40 cyl/2 wks x 519.4 lbs/cyl	519.4 lbs/cyl	Tellus	41,552.00	20.78
			recycle wooden pallets		98,000.00						Organic	200 pallets/mo x 40 bales/pallet x 12 m/cy	40 bales/mo	U.S.EPA	98,000.00	48.00
			reuse wooden pallets		124,800.00						Organic	300 pallets/mo x 40 bales/pallet x 5 (for breakage) x 52 wks/yr	40 bales/mo	U.S.EPA	124,800.00	62.40</

10. On a separate sheet of paper, "marked Attachment 10," provide the following information for each diversion program listed in Section 8 that was extrapolated from representative sampling. **Note:** *Do not include non-respondents in extrapolation because there is no data from the non-respondents.*
Extrapolate from survey respondents.

A. Describe sampling method, including:

- Type of sampling method (for either stratified or cluster sampling, provide detailed information on how strata and clusters were collected)
- Total number of samples included in the survey
- Number of non-respondents and respondents
- Total population
- Source for identifying population (e.g., city business licenses, commercial database, resident's addresses, etc)
- Relation of sample size to total population
- Survey data collection tool(s) and approaches
- Confidence level and margin of error for the sampled population
- Unusual outliers and exceptional anomalies describe in detail.

Note: *Outliers (specific generators which fall significantly above or below others) should be removed from base amount prior to extrapolation)*

B. Describe the methods used to prevent double-counting between the surveys and the reported tonnages from haulers, recyclers, materials recycling facilities and composters.

C. Describe extrapolation method, including:

- Basis of extrapolation
- Why this extrapolation method is appropriate
- Sources of information used for extrapolation, such as disposal or employment
- Include all calculations

Attachment 10
City of Corona
Extrapolation

A. Sampling Method

A computerized database containing the business licenses from the City of Corona was utilized as the sampling universe. The businesses were stratified into large and small strata using the 80/20 rule (large strata defined as the 80% cumulative number of employees) to determine the threshold of large and small strata. The CIWMB revised the sampling requirements in the April 24, 2001 Diversion Study Guide to require 248 samples to meet the 90 % confidence interval and a 5 % precision level (Diversion Study Guide Appendix K). The City of Corona contacted over 300 businesses, and collected data from 260 on-site completed surveys.

The franchise hauler provided their customer lists. A Dunn and Bradstreet database was used to determine the total number of employees in order to define the 80% cut-off point between the Large Business Strata and the Small Business Strata. Site visits were conducted at over 248 businesses. Approximately 9 percent of the businesses in the City of Corona were visited. The CIWMB ABI business database lists 2990 businesses for Corona. The number of employees in the City of Corona is from the Year 2000 Economic Development Department Database (State of California) website www.calmis.ca.gov

B. Methods used to prevent double counting

To prevent double counting, the regional diversion facilities for traditional recyclable materials (paper, plastic, OCC, etc.) were not quantified. The focus of the study was to obtain the information from the generator side, rather than the regional diversion facility side. This method is preferred because many regional diversion facilities do not know the jurisdictional source of the recyclables that they receive. Many of the end markets are unknown and experience from previous studies indicates difficulty identifying all of the regional recyclers.

C. Extrapolation Method Description and Outlier Analysis

The extrapolation is based on employment-based statistical extrapolation methodology. After removal of the outliers (businesses with extraordinary diversion as defined below), a source reduction correlative factor for diversion, and a recycling correlative factor for diversion were developed from the on-site surveys by dividing the total diversion tons by the number of employees in the sample base. The correlative factors for diversion were developed separately for the large strata and the small strata after removal of the outliers for each type of diversion practice (recycling, source reduction and composting).

The outlier analysis method was reviewed with the CIWMB staff. The outlier analysis screening filter consisted of a two-part test. The first part is a mathematical test that identifies any individual business that has a "high" diversion correlative factor. This was accomplished mathematically by first calculating the simple average for each strata. Next the standard deviation was calculated. A threshold value that raises a "red flag" as potential for being an outlier was determined by adding the value of the simple average to twice the standard deviation value for each business surveyed. The correlative diversion factor for each business (and each respective diversion practice) was subtracted from the threshold value. If the answer resulted in a negative value, that particular business was subjected to the second part of the test, which consisted of three questions:

- 1) Is this business unique in this city?
- 2) Is the diversion practice unique?
- 3) Is the diversion tonnage significantly larger than achieved by similar businesses of this type and size?

If the answer to all three subparts is no, then the individual business was not considered an outlier. If the answer to any single one of the subparts is "yes", the sample is considered an outlier and removed from the calculation of the extrapolative diversion correlative factor to prevent excessive diversion credit being given to the city. Once a sample is an outlier, the diversion from the business is only added to the final computed diversion from extrapolation diversion as an "actual sample" (that is, not included in the extrapolation). This insures that the diversion from the business is counted, but not extrapolated to give unreasonable diversion quantities.

The Excel spreadsheet files for extrapolation (showing the calculation formulas in each cell) have been provided to the CIWMB with the new base year certification request form.

11. For each restricted waste type (i.e., agricultural waste, inert solids [e.g., concrete, asphalt, dirt etc.] scrap metals, and white goods [PRC section 41781.2]) and associated program, please provide the following information:

a. If the diversion program started on or after January 1, 1990, complete the following table.

Restricted Waste Type	Specific Program Name	Year	Tonnage
inerts	C&D Tonnage Report	1998	12687
metals	Landfill Salvage	1990	266
metals	Scrap Metals Recycling	1993	116
pull down for waste types			
pull down for waste types			
pull down for waste types			

b. If the diversion program started before January 1, 1990 - and if documentation on the program and waste type has not been approved by the Board - on a separate sheet marked "Attachment 11b," give the program and waste type, and provide documentation that indicates:

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion (PRC sec. 41781.2 [c] [1]).

the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. Note: *this criterion is applicable to the entire jurisdiction, not to individual programs (PRC sec. 41781.2 [c] [2]). Please include documentation.*

- The jurisdiction is implementing, and will continue to implement, the diversion programs in its Source Reduction and Recycling Element.

Note: If documentation for a waste type and program has already been approved by the Board, you do not have to provide an attachment 11b for that waste type and program.

Instead, please provide date of Board approval of previous submitted information.) If documentation is not available, go to 11d.

c. If the diversion program started before January 1, 1990, and the documentation requested in 11b is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Type	Specific Program Name	New Base Year or

d. If the diversion program started before January 1, 1990, and the documentation requested in 11b is not available, please complete the table below for each program claimed. **Note:** Only the difference between the new base year/reporting year and 1990 can be counted in the diversion rate calculation.

Reference Number	Business Type	Activity Description	Number of Employees	Diversion (weight in pounds)			Year Restricted	Waste Pgm Began	Inerts or Ag M=metal, I=inert, A=aq	Inerts or Ag SR	Inerts or Ag R	Composting	Material Type (category)	Conversion Factor (weight per count)	Source	Diversion Tons per year	
				Recycling	Metals SR	Metals R											
1	furniture store	OCC pick up by the scavenger	3		1,953.12									paper	50.08 lbs/cy	Tellus	0.98
		Styrofoam recycled by Mailboxes Etc.			81.51									plastic	6.27 lbs/cy	Tellus	0.04
2	Aerospace Fasteners	recycle shredded paper	46		58.18									paper	8 lbs/33 gal	U.S.EPA	0.03
		reuse small OCC boxes		580.80										paper	1.1 lb/box	U.S.EPA	0.29
3	Grocery Store	HDPE containers returned	12		130.00									Plastic	5 lbs/2 weeks	business estimate	0.07
4	dollar store	no activity															0.00
5	Retail Store	OCC med boxes reused	2		2,002.00									Paper	2.2 lbs/med box	U.S.EPA	1.00
6	Food Distribution wholesale	recycle broken pallets	30		104,000.00									Organic	40 lb/pallet	U.S.EPA	52.00
		implemented voice mail		234.90										Paper	.01 lb/sheet	U.S.EPA	0.12
		return 5 gal plastic containers		234.90										Plastic	.94 lb/container	orig aud wt	0.12
		food donated to food bank		12,480.00										Organic	26 lb/case of food(avg wgt)	business estimate	6.24
7	Transmission Service Dealer	recycle aluminum scrap, increase since 1990				9,752.40	M=before 1990							metal	175 lb/cy	Tellus	4.88
		recycle magazines				31.20								paper	3 lbs/10 magazines	U.S.EPA	0.02
8	Electric Motor Rewind & Repair	recycle scrap metal, increase since 1990				10,000.00	M=before 1990							metal	10,000 lbs/yr	business estimate	5.00
		reuse wooden pallets		480.00										Organic	40 lb/pallet : 5 trips/pallet	U.S.EPA	0.24
		reuse foam peanuts		30.00										Plastic	.30 lb/yr	business estimate	0.02
		reuse shop cloths		150.00										Organic	124 lb/cloth	EcoTelesis field stud	0.08
		give away 5 gal HDPE buckets		68.40										Plastic	1.9 lb/bucket	orig aud wt	0.03
9	wholesale copier, printer, cartridges	occ recycled	13		12,019.20									paper	50 lb/cy	Tellus	6.01
		recycle office paper			297.44									Paper	10.01 lb/13 gal	U.S.EPA	0.15
		recycle med boxes			65.37									Paper	2.2 lb/med box	U.S.EPA	0.03
		return toner cartridges		60.00										other	2.5 lb/cartridge	U.S.EPA	0.03
		reuse foam peanuts		185.71										Plastic	2.5 lb/bag	business estimate	0.09
		sell pallets		46,800.00										Organic	40 lb/pallet	U.S.EPA	23.40
		reuse pallets		36,540.00										Organic	40 lb/pallet : 5 trips/pallet	U.S.EPA	18.27
10	Commercial Aircraft Fasteners	return toner cartridges	35		7.50									other	2.5 lb/toner cartridge	U.S.EPA	0.00
		reuse shredded paper as packaging		2,400.00										Paper	5 lb/ream	U.S.EPA	1.20
		reuse ONP for packaging		264.00										Paper	1 lb/newspaper	business estimate	0.13
11	Food Testing lab	recycle office paper			169.40									paper	42.35 lb/55 gal	U.S.EPA	0.08
		recycle solid organic lab materials			600.00									Organic	50 lb/55 gal	business estimate	0.30
		reuse small-medium OCC boxes		495.00										Paper	1.65 lb/box (avg wgt of 1.	U.S.EPA	0.25
		reuse wooden pallets		528.00										Organic	40 lb/pallet : 5 trips/pallet	U.S.EPA	0.26
12	Computer store	no activity	3														0.00
13	Aircraft hydraulics maintenance service	recycle office paper	13		1,029.80									paper	10.01 lb/13 gal	U.S.EPA	0.51
		recycle wooden pallets			600.00									Organic	40 lb/pallet	U.S.EPA	0.30
		reuse med boxes		574.20										Paper	2.2 lb/med box	U.S.EPA	0.29
		return 55 gal plastic drums		120.00										Plastic	15 lb/drum	UCLA	0.06
		reuse bubblewrap		210.00										Plastic	15-20 lbs/month	business estimate	0.11
14	Parts supplier for home built aircraft	recycle OCC boxes	130		46,950.00									paper	2.5 lb/box (avg wgt of sm)	U.S.EPA	23.48
		recycle broken pallets			24,000.00									Organic	40 lb/pallet	U.S.EPA	12.00
		return toner cartridges		180.00										other	2.5 lb/toner cartridge	U.S.EPA	0.09
		paper shredded to be reused as packaging		6,676.00										Paper	8 lb/33 gal	U.S.EPA	3.34
		reuse OCC boxes		31,200.00										Paper	2.5 lbs/box(avg wgt small)	U.S.EPA	15.60
		magazines shredded to be reused as packag		288.00										Paper	3 lb/10 magazines	U.S.EPA	0.14
		reuse OCC tubes		4,160.00										Paper	10 lb/wk	business estimate	2.08
		replace paper cups with reusable coffee mu		406.90										Paper	.01 lb/cup	business estimate	0.20
		junk mail shredded to be reused as packagin		1,565.00										Paper	5 lb/day	business estimate	0.78
		reuse wooden pallets		6,240.00										Organic	40 lb/pallet : 5 trips/pallet	U.S.EPA	3.12
15	Aircraft Parts Distributor	reuse med boxes	10		228.80									Paper	2.2 lbs/box	U.S.EPA	0.11
		doublesiding		1,200.00										Paper	5 lbs/ream	U.S.EPA	0.60
16	Pipes supplier	reuse med OCC boxes			1,144.00									Paper	2.2 lb/box	U.S.EPA	0.57
		reuse wooden pallets			4,160.00									Organic	40 lb/pallet : 5 trips/pallet	U.S.EPA	2.08
17	Oil & filter distribution	toner cartridges returned			150.00									other	2.5 lb/toner cartridge	U.S.EPA	0.08

Reference Number	Business Type	Activity Description	Number of Employees	Diversion (weight in pounds)			Year Restricted indicate if multiple	Waste Pgmn Began	Inerts or Ag M=metal, I=inert, A=ag	Inerts or Ag SR R	Composting	Material Type (category)	Conversion Factor (weight per count)	Source	Diversion Total per year	
				Recycling	Metals SR	Metals R										
				Source Reduction												
18	Asphalt construction contractor/grade counter construct.	reused OCC med boxes	275	803.00									paper	2.2 lb/box	U.S.EPA	0.40
		OCC recycling		312,000.00									paper	50lbs/yd flattened	Tellus	156.00
		OCC reuse	1,300.00										paper	25lbs/wk	business estimate	0.65
		Scrap metal increase since 1990				192,000.00	M=before 1990						metal	weight records	company records	96.00
		Core parts returned				7,200.00	M=before 1990						metal	weight records	business estimate	3.60
		5 gal pl. bucket reused/donated	2,470.00										plastic	1.9lbs/ea	USEPA	1.24
		Wood pallets to broker		4,400.00									other org	40lbs/ea	CIWMB	2.20
		Wood pallets reused	640.00										other org	40lbs/5	CIWMB	0.32
		Broken concrete curb and guttering crushed & reused for roadbase increase since 1990					I=before 1990						inorganic	weight records	business estimate	450.00
		Asphalt regindr increase since 1990					I=before 1990						inorganic	weight records	business estimate	202.50
		Tire retreads	69,334.00										inorganic	60-100ls ea	USEPA	34.67
19	Distributor exhaust products	recycle OCC	50			1,625.00							paper	2.2 lb/box	U.S.EPA	0.81
		return toner cartridges		60.00									other	2.5 lb/cartridge	U.S.EPA	0.03
		reuse OCC boxes	3,262.50										paper	2.5 lb/box(av wgt of sma	U.S.EPA	1.63
		reuse extra large OCC	4,500.00										paper	50 lb/box	U.S.EPA	2.25
		reuse foam peanuts	36.00										plastic	3 lb/33 gal	U.S.EPA	0.02
		reuse wooden pallets	14,400.00										organic	40 lb/pallet : 5 trips/pallet	U.S.EPA	7.20
20	Mfg/whlflow products & wholesale	recycle shredded paper	10			1,008.80							paper	8 lb/33 gal	U.S.EPA	0.50
		recycle stainless steel trimmings					15,800.00	M=1993					metal	300 lb/week	business estimate	7.80
		recycle wooden pallets		2,400.00									organic	40 lb/pallet	U.S.EPA	1.20
		reuse paper egg shells	1,566.00										paper	.03 lb/paper egg shell	business estimate	0.78
		reuse OCC boxes	650.00										paper	2.5 lb/box(av wgt of sma	U.S.EPA	0.33
21	Mattress manufacturer	Office paper reuse	300.00										paper	5lbs/ream	USEPA	0.15
		OCC recycling		24,000.00									paper	at least 2000lbs/mo	business estimate	12.00
		plastic foam trims recycled		60,000.00									plastic	60,000lbs/yr	business estimate	30.00
22	Ticket, tags, labels, forms printing co.	recycle shredded paper bales		10,400.00									paper	50 lb/bale	business estimate	5.20
		return toner cartridges	10.00										other	2.5 lb/toner cartridge	U.S.EPA	0.01
		reuse OCC	520.00										paper	1lb/week	business estimate	0.26
		reuse ink plastic tubes	65.25										plastic	29 lb/tube	business estimate	0.03
		reuse wooden pallets	4,160.00										organic	40 lb/pallet : 5 trips/pallet	U.S.EPA	2.08
23	Supply and install residential plumbing/HVAC	Office paper recycling		6,400.00									paper	7.7lb/gal	USEPA	3.20
		Office paper duplex/scratch	65,000.00										paper	5lbs/ream	USEPA	32.50
		OCC recycling		187,200.00									paper	50lbs/yd flattened	Tellus	93.60
		OCC reuse	149,760.00										paper	80% of what they recycle	business estimate	74.88
		OCC reuse (paper boxes)	3,380.00										paper	paper boxes @ 1.25lbs/ea	TElesis field surv	1.69
		Scrap metal increase since 1990				482,400.00	M=1990						metal	weight records	business estimate	241.20
		Salvaged parts		2,500.00		M=1990							metal	weight records	business estimate	1.25
		Commingled plastic recycling	156,000.00										plastic	75lbs/yd	business estimate	78.00
		Wood pallets reused	33,280.00										other org	40lbs/5	CIWMB	16.64
		Toner cartridge sent back	180.00										other	2.5lbs/ea	USEPA	0.09
		Equipment donated to schools	1,500.00										other	1500lbs/yr	business estimate	0.75
24	Manufacture and distribute foam core/mattress	Office paper reuse	60										paper	5lbs/ream	USEPA	0.77
		OCC recycling		1,530.00									paper	600lbs/bale	business estimate	39.00
		OCC reused	300.00			78,000.00							paper	25lbs/mo	business estimate	0.15
		plastic foam trims recycled				800,800.00							plastic	500lbs/bale	company records	400.40
		Wood pallets reused	3,328.00										other org	40lbs/5	CIWMB	1.66
		Toner cartridge sent back	60.00										other	2.5lbs/ea	USEPA	0.03
25	Food Distribution wholesale	recycle office white ledger	356			2,900.00							paper	5 lbs/ream	U.S.EPA	1.30
		resell OCC boxes		780,000.00									paper	1.5 lb/box (avg wgt of sma	U.S.EPA	390.00
26	Mfg. Watercraft boats	OCC boxes recycled	16			15,600.00							paper	4 lb/box	U.S.EPA	7.80
		recycle aluminum tubing and shavings					3,600.00	M=1991					metal	300 lb/month	business estimate	1.80
		recycle stainless steel					4,800.00	M=1991					metal	400 lb/month	business estimate	2.40
		recycle mixed steel					1,200.00	M=1991					metal	100 lb/month	business estimate	0.60
		recycle wooden pallets		8,320.00									organic	40 lb/pallet	U.S.EPA	4.16
		reuse extra large OCC		15,600.00									paper	30 lb/OCC box	business estimate	7.80
		reuse kraft paper for packaging		1,040.00									paper	4 lb/day	business estimate	0.52
		reuse CHP for packaging	520.00										paper	1 lb/newspaper	business estimate	0.26
		reuse wooden pallets	18,720.00										organic	40 lb/pallet : 5 trips/pallet	U.S.EPA	9.36
27	Business Services/Entertainment	recycle OCC boxes	30			42,570.00							paper	1.65 lb/box (avg wgt of sma	U.S.EPA	21.29
		recycle wooden pallets				20,800.00							organic	40 lb/pallet	U.S.EPA	10.40
28	Paper converter (mostly drafting paper)	Recycle bond paper, ends and trims	55			960,000.00							paper	40tons/mo	company records	480.00

Reference Number	Business Type	Activity Description	Number of Employees	Diversion (weight in pounds)				Year Restricted Waste Prgm Began		Inerts or Ag SR	Inerts or Ag R	Composting	Material Type (category)	Conversion Factor (weight per count)	Source	Diversion Tons per year	
				Recycling	Metals	Metals	Indicate if multiple M=metal, I=inert, A=ag										
				Source Reduction	SR	R											
	OCC recycling			39,000.00										paper	25lbs/yd semiflat	coTelesis field surv	19.50
	OCC reuse		180.00											paper	15lbs/mo	business estimate	0.09
	Scrap metal increase since 1990					1,000.00	M=1996							metal	1000lbs/yr	business estimate	0.50
	Metal salvage					1,500.00	M=1996							metal	1500lbs/yr	business estimate	0.75
	Plastic stretch wrap recycled			17,600.00										plastic	22.55lbs/yr	Tellus	8.80
	Standard wood pallet reuse		208,000.00											other org	40lbs/5	CiWMB	104.00
	Special wood pallet return to vendor		28,080.00											other org	45lbs/5	in CiWMB, weight fr	14.04
	Toner cartridge sent back		45.00											other	2.5lbs/ea	USEPA	0.02
	Surplus furniture and equipment to employee		500.00											other	500lbs/yr	business estimate	0.25
29	Aerospace/Parts manufac		10														13.89
	recycle aluminum					22,000.00	M=1990							metal	22,000 lb/yr	business estimate	11.00
	recycle titanium					2,000.00	M=1990							metal	2,000 lb/yr	business estimate	1.00
	reuse OCC		300.00											paper	2.5 lb/box(avg wgt of sma	U.S.EPA	0.15
	reuse kraft paper		600.00											paper	50 lb/bale	business estimate	0.30
	reuse wooden pallets		2,880.00											organic	40 lb/pallet : 5 trips/pallet	U.S.EPA	1.44
30	Mfg/Materials		13														18.82
	recycle OCC boxes		1,631.25											paper	2.5 lb/box(avg wgt of sma	U.S.EPA	0.82
	recycle scrap plastic vinyl		36,000.00											plastic	6,000 lb/40 cy	business estimate	18.00
31	Machine Shop		27														14.34
	recycle scrap metal, increase since 1990					282,872.00	M=before 1990							metal	906 lbs/cy	Tellus	141.34
32	Composting operation/organic waste stock		10														40.00
	Scrap metal increase since 1992					80,000.00	1992							metal	80,000lbs/yr	business estimate	40.00
33	Mattress store		13														0.62
	OCC recycled with corporate			1,248.00										paper	4 lbs/large box	USEPA	0.62
34	Ice cream shop		3														0.00
	no activity																0.00
35	Mfg of Aerial/4 Optical display		5														6.18
	plastic grindings recycled			10,000.00										Plastic	5 tons/yr	business estimate	5.00
	shredded paper reused for packaging		3,915.00											Paper	15 lbs/day	business estimate	1.95
	reuse wooden pallets		2,400.00											Organic	40 lb/pallet : 5 trips/pallet	U.S.EPA	1.20
36	financial company		5														0.35
	OCC pick up by scavenger			198.00										paper	1.1 lbs/small box	USEPA	0.10
	Office paper recycled by Shred-It			508.20										paper	42.35 lbs/55 gal	USEPA	0.25
37	Electrical contractor for residential		106														50.42
	recycle wooden pallets			28,800.00										organic	40 lb/pallet	U.S.EPA	14.40
	reuse OCC boxes			65,250.00										paper	2.5 lb/box(avg.wgt of sma	U.S.EPA	32.63
	reuse white office paper as scratch			540.00										paper	5 lbs/ream	U.S.EPA	0.27
	reuse wooden pallets			6,240.00										organic	40 lb/pallet : 5 trips/pallet	U.S.EPA	3.12
38	Motel		20														4.37
	old linens given to employees			270.00										organic	.3 lb/linen	business estimate	0.14
	switch to bulk roll towels			460.80										paper	2 lb/roll towel core	business estimate	0.23
	donate old beds to employees			8,000.00										other	200 lb/each	business estimate	4.00
39	sporting good store		20														12.90
	OCC recycled by scavenger			22,880.00										paper	2.2 lbs/med box	USEPA	11.44
	Pallet reuse			2,912.00										other organic	40 lbs/5 trips	USEPA	1.46
	Toner cartridges sent back			5.00										other	2.5 lbs/cartridge	USEPA	0.00
40	Video store		3														0.00
	no activity																0.00
41	Mfg White boards & Tile Boards		475														2,052.68
	recycle office white ledger			13,086.36										paper	363.51 lb/cy	Tellus	6.54
	recycle OCC			23,074.13										paper	16.64 lb/cy	Tellus	11.54
	recycle aluminum scrap, incr.since 1990					42,000.00	M=before 1990							metal	175 lb/cy	Tellus	21.00
	recycle sawdust					3,915,000.00								organic	375 lb/cy	Tellus	1,957.50
	recycle scrap wood					79,087.20								organic	329.53 lb/cy	Tellus	39.54
	recycle broken pallets					52,000.00								organic	40 lb/pallet	U.S.EPA	26.00
	return toner cartridges			140.00										other	2.5 lb/toner cartridge	U.S.EPA	0.07
	return 5 gal containers			977.60										plastic	.94 lb/container	org aud wt	0.49
42	Car accessories retail store		10														6.18
	recycle large OCC boxes					9,360.00								paper	4 lb/box	U.S.EPA	4.58
	reuse office white paper for packaging			1,001.00										paper	5 lb/ream	U.S.EPA	0.50
43	Gasket manufacturer (non metalic)		3														1.57
	Office paper reuse/donate to schools			50.00										paper	5lbs/ream	USEPA	0.03
	OCC recycling					1,300.00								paper	50lbs/yd flattened	Tellus	0.65
	OCC reuse			600.00										paper	50lbs/mo	business estimate	0.30
	Bubble wrap reuse			36.00										plastic	3lbs/33gal	USEPA	0.02
	Wood pallets to broker					960.00								other org	40lbs ea	CiWMB	0.48
	Wood pallets reused			192.00										other org	40lbs/5	CiWMB	0.10
	Toner cartridge sent back			10.00										other	2.5lbs/ea	USEPA	0.01
44	Auto Repair		7														0.58
	recycle OCC boxes					861.20								paper	16.64 lb/cy	Tellus	0.43
	return toner cartridges					5.00								other	2.5 lb/toner cartridge	U.S.EPA	0.00

Reference Number	Business Type	Activity Description	Number of Employees	Diversion (weight in pounds)			Year Restricted	Waste Pgmn Began	Indicate if multiple	Inerts or Ag	Inerts or Ag	Composting	Material Type (category)	Conversion Factor (weight per count)	Source	Diversion Tons per year	
				Recycling	Metals SR	Metals R											
45	Mfg. Combustion Chambers/Burners	reuse shop cloths		300.00										organic	25 lb/month	business estimate	0.15
		doublesiding	10	200.00													0.10
46	Bank	Office paper recycled by hauler		3,843.84										paper	5 lbs/ream	U.S.EPA	0.10
		Shredded paper recycled by hauler		4,404.40										paper	0.77 lbs/gal	USEPA	1.92
		Toner cartridges sent back		15.00										paper	42.35 lbs/55 gal	USEPA	2.20
47	Warehouse and distribution personal safety equipment		25											other	2.5 lbs/cartridge	USEPA	0.01
		Office paper shred for softpack		950.00										paper	25.41lbs/33gal.	USEPA	0.48
		Office paper duplex/scratch		240.00										paper	5lbs/ream	USEPA	0.12
		OCC scavenged		600.00										paper	50lbs/yd flattened	Tellus	0.30
		OCC reuse		1,200.00										paper	twice as much as recycled	business estimate	0.60
		Packaging peanuts reused		19.00										plastic	6.27lbs/vd	Tellus	0.01
		Bubble wrap reuse		36.00										plastic	3lbs/33gal	USEPA	0.02
		pallets reused		4,160.00										other org	40lbs/5	CIWMB	2.08
		Toner cartridge sent back		25.00										other	2.5lbs/ea	USEPA	0.01
48	Mfg. Gasket & sealing plastics		60														82.69
		recycle OCC gyllords		39,802.50										paper	30 lb/gaylord	business estimate	19.90
		recycle scrap plastic		19,200.00										plastic	8,000 lb/4-6 months	business estimate	9.60
		recycle wooden pallets		5,760.00										organic	40 lb/pallet	U.S.EPA	2.38
		return toner cartridges		30.00										other	2.5 lb/toner cartridge	U.S.EPA	0.02
		reuse OCC boxes		750.00										paper	2.5 lb/box (avg. wgt of sm)	U.S.EPA	0.38
		reuse gyllord boxes		14,400.00										paper	60 lb/gaylord	business estimate	7.20
		reuse egg crates		480.00										paper	316/egg crate	business estimate	0.24
		reuse plastic grindings in production		60,000.00										plastic	5,000 lb/month	business estimate	30.00
		reuse plastic pallets instead of wooden		12,480.00										organic	40 lb/pallet : 5 trips/pallet	U.S.EPA	6.24
		reuse wooden pallets		12,480.00										organic	40 lb/pallet : 5 trips/pallet	U.S.EPA	6.24
49	Plastic Bubble Wrapping		100														421.85
		OCC recycled		36,400.00										Paper	700 lbs/bale	business estimate	18.20
		plastic bubble wrap recycled		391,500.00										Plastic	1500 lbs/day	business estimate	195.75
		reuse wooden pallets		416,000.00										Organic	40 lb/pallet : 5 trips/pallet	U.S.EPA	208.00
50	Distribution Services		32														22.80
		recycle OCC flattened		36,000.00													
		recycle wooden pallets		9,600.00										Paper	50 lb/cy	Tellus	18.00
51	check/cashing store		21											Organic	40 lb/pallet	U.S.EPA	4.80
		no activity															0.00
52	Import & Distribution Of Fasteners		20														49.87
		reuse small OCC boxes		56,760.00										Paper	1.1 lb/box	U.S.EPA	28.38
		recycle wooden pallets		30,960.00										organic	40 lb/pallet	U.S.EPA	15.48
		reusable mugs instead of paper cups		18.06										Paper	.01 lb/cup	business estimate	0.01
53	cigarette store		2														0.00
		no activity															0.00
54	cell phone company		3														0.29
		OCC recycled by scavenger		572.00										Paper	1.1 lbs/small box	USEPA	0.29
55	Plastic (PVC) thermoforming containers		7														40.53
		Office paper duplex/scratch		30.00										Paper	5lbs/ream	USEPA	0.02
		OCC scavenged		3,900.00										Paper	50lbs/yd flattened	Tellus	1.95
		scrap aluminum to dealer increase since 1990												Metal	250lbs/yr	business estimate	0.13
		PVC off-cuts and trims recycled		72,000.00				250.00	M=1988					Plastic	6000lb/mo	company records	36.00
		Foam plastic reused for Dunnage		2,600.00										Plastic	50lbs/wk	business estimate	1.30
		Special wood pallet return to vendor		720.00										Other	30lbs/5	CIWMB, weight frd	0.36
		Standard wood pallet reuse		1,152.00										Other org	40lbs/5	CIWMB	0.58
		Toner cartridge sent back		10.00										Other	2.5lbs/ea	USEPA	0.01
56	women's clothing store		6														2.74
		OCC picked up by scavenger		2,288.00										Paper	2.2 lbs/med box	USEPA	1.14
		Hangers reused		3,193.75										Plastic	0.125 lbs/hanger	UCLA	1.60
57	Golf carts assembly		17														2.11
		recycle extra large OCC boxes		10,400.00										Paper	8 lb/box	business estimate	5.20
		recycle small tires		1,600.00										Other	8 lbs/tire	business estimate	0.80
		reuse extra large OCC		2,080.00										Paper	8 lb/box	business estimate	1.04
		reuse wooden pallets		336.00										Organic	40 lb/pallet : 5 trips/pallet	U.S.EPA	0.17
		scrap wood taken by employees for firewood		1,800.00										Organic	15 lbs/month	business estimate	0.90
58	Mfg. Electronic Components		65														2.47
		recycle old files yearly		1,500.00										Paper	1,500 lb/yr	business estimate	0.75
		use routers		112.15										Paper	01 lb/sheet	U.S.EPA	0.06
		reusable mugs instead of paper cups		63.21										Paper	01 lb/cup	business estimate	0.03
		reuse small OCC boxes		2,574.00										Paper	1.1 lb/box	U.S.EPA	1.29
		reuse med OCC boxes		1,716.00										Paper	2.2 lb/box	U.S.EPA	0.66
		recycle OCC med boxes		6,969.60										Paper	2.2 lb/box	U.S.EPA	3.48
		recycle wooden pallets		1,600.00										Organic	40 lb/pallet	U.S.EPA	0.80
		reuse wooden pallets		40.00										Organic	40 lb/pallet : 5 trips/pallet	U.S.EPA	0.02
		recycle ONP		528.00										Paper	1 lb/newspaper	business estimate	0.26

Reference Number	Business Type	Activity Description	Number of Employees	Diversion (weight in pounds)				Year Restricted Waste Pgmr Began	Indicate if multiple M=metal, I=inert, A=ac	Inerts or Ag SR	Inerts or Ag R	Composting	Material Type (category)	Conversion Factor (weight per count)	Source	Diversion Tons per year	
				Recycling	Metals SR	Metals R											
75	Construction Equipment Sales & Service	recycle auto tires	15		180,000.00									other	20 lbs/tire	U.S.EPA	90.00
		recycle OCC			7,740.00									paper	50 lb/cy	Tellus	3.87
		reuse shop cloths		450.00										organic	6-10 cloths/lb	EcoTelesis field stud	0.23
		recycle office white ledger			200.00									paper	5 lb/ream	U.S.EPA	0.10
		reuse paper as scratch		20.00										paper	.01 lb/sheet	U.S.EPA	0.01
76	Store Fixtures/Distributor		7														0.08
		reuse large OCC boxes		8,256.00										paper	4 lb/box	U.S.EPA	4.13
		reuse small wooden pallets		3,900.00										organic	15 lb/pallet	business estimate	1.95
77	Jewelry Store		6														0.00
		no activity															0.00
78	Manufactures Aluminum Roll Forming		9														0.79
		recycle OCC boxes			2,583.61									paper	16.64 lb/cy	Tellus	1.29
		recycle scrap metal, increase since 1990					15,000.00	M=before 1990						metal	15,000 lb/yr	business estimate	7.50
79	Co-Generation Energy Power Mfg.		13														2.24
		recycle office white ledger			2,400.00									paper	5 lbs/ream	U.S.EPA	1.20
		recycle wooden pallets			1,440.00									organic	40 lb/pallet	U.S.EPA	0.72
		reuse cleaning cloths		645.00										organic	12.4 lb/100 cleaning cloth	business estimate	0.32
80	Ornamental Iron Mfg.		5														1.35
		recycle scrap iron, Incr. since 1990					2,718.00	M=before 1990						metal	906 lb/cy	Tellus	1.36
81	Pesticide/lawn-care service		15														0.40
		recycle mixed office paper			1,820.00									paper	35 lb/wk	business estimate	0.91
		double-side and reuse as scratch and implem		371.43										paper	5 lb/ream	U.S.EPA	0.19
		reduce to smaller printing size		817.14										paper	5 lb/ream	U.S.EPA	0.41
82	movie theater		7.5														0.00
		no activity															0.00
83	car rentals		10														0.01
		Toner cartridge sent back			10.00									other	2.5 lbs/cartridge	USEPA	0.01
84	Manufactures Steel/Wood Doors & Hinges		17														0.01
		return copier toner cartridges			20.00									other	5 lb/toner cartridge	U.S.EPA	0.01
85	Manufacturer of wood cabinets, trade and contractors only		117														783.50
		Office paper duplex/scratch		1,560.00										paper	5lbs/ream	USEPA	0.78
		OCC scavenged - irregular collection			600.00									paper	50lbs/mo	business estimate	0.30
		OCC reuse		5,200.00										paper	100lbs/wk	business estimate	2.60
		Plastic 5gal bucket reuse		500.00										plastic	1.9lbs/ea	USEPA	0.25
		Wood waste recycled: short ends, shavings, dust - to Agro-Wa		1,560,000.00										other org	375lbs/yd	various,mostly Tellus	780.00
		Wood pallets reused		3,744.00										other org	40lbs/5	CIWMB	1.87
86	Assembly and distribution of water softener systems		20														12.47
		Office paper duplex/scratch		600.00										paper	5lbs/ream	USEPA	0.30
		OCC recycling			9,100.00									paper	50lbs/yd	Tellus	4.55
		OCC reuse		910.00										paper	10% of recycling	business estimate	0.46
		Scrap metal recycling increase					360.00	M=1981						metal	60% increase of 600lb to	business estimate	0.18
		Stretch wrap recycling		585.00										plastic	22.55lbs/yd	Tellus	0.29
		Bubble wrap reuse		220.00										plastic	3lbs/33gal	USEPA	0.11
		Packaging peanuts reused		75.00										plastic	6.27lbs/yd	Tellus	0.04
		Wood pallets to broker			9,600.00									other org	40lbs/ea	CIWMB	4.80
		Wood pallets reused		3,480.00										other org	40lbs/5	CIWMB	1.74
87	clothing store		4														0.00
		no activity															0.00
88	Mfg. Electric guitars & amplifiers		600														2,170.74
		recycle office white ledger			13,086.36									paper	363.51 lb/cy	Tellus	6.54
		recycle OCC flattened			34,722.13									paper	50 lb/cy	Tellus	17.36
		recycle scrap metal					67,950.00	M=1992						metal	906 lb/cy	Tellus	33.98
		recycle plastic drums			10,800.00									plastic	15 lb/drum	UCLA	5.40
		recycle wood chips			998,400.00									organic	240 lb/cy	Tellus	499.20
		recycle sawdust			3,120,000.00									organic	375 lb/cy	Tellus	1,560.00
		recycle 55 gal metal drums					18,000.00	M=1992						metal	30 lb/drum	business estimate	9.00
		reuse OCC boxes		66,250.00										paper	2.5 lb/box (avg wt of small	U.S.EPA	32.63
		switch to reusable mugs		1,586.00										paper	.01 lb/cup	business estimate	0.78
		double-side and reuse as scratch		90.00										paper	5 lb/ream	U.S.EPA	0.05
		reuse 55 gal metal drums					15,660.00	M=1992						metal	30 lb/drum	business estimate	7.93
		reuse steel tubes					10,667.00	M=1992						metal	4 lb/each	business estimate	5.33
		reuse wooden pallets		2,610.00										organic	40 lb/pallet : 5 trips/pallet	U.S.EPA	1.31
		implement electronic timecards		312.00										paper	.01 lb/sheet	U.S.EPA	0.16
		share magazine subscriptions		374.40										paper	3 lb/10 magazines	U.S.EPA	0.19
89	financial consultants		2														0.02
		Shredded paper			23.04									paper	0.24 lbs/gal	USEPA	0.01
		Toner cartridges sent back			10.00									other	2.5 lbs/cartridge	USEPA	0.01
90	Plastic injection molding & tooling		60														26.68
		recycle OCC payloads			880.00									paper	20 lb/gayload	business estimate	0.44
		recycle plastic scrap			12,000.00									plastic	12,000 lbs/yr	business estimate	6.00
		recycle wooden pallets			30,720.00									organic	40 lb/pallet	U.S.EPA	15.36

Reference Number	Business Type	Activity Description	Number of Employees	Diversion (weight in pounds)			Year Restricted Waste Pgrm Began	Indicate if multiple M=metal, I=inert, A=ag	Inerts or Ag SR	Inerts or Ag R	Composting	Material Type (category)	Conversion Factor (weight per count)	Source	Diversion tons per year
				Recycling	Metals SR	Metals R									
106	Mfg: Air moving equipment for aircraft	reusable mugs instead of paper cups	18.06									paper	.01 lb/cup	business estimate	0.01
		implement voice mail	7.31									paper	.01 lb/sheet	U.S.EPA	0.00
107	Mfg: Air moving equipment for aircraft	recycle mixed paper	4,978.91									paper	484 lb/cy	tellus	2.49
		recycle OCC boxes	432.00									paper	4 lb/box	U.S.EPA	0.22
		recycle scrap metal			1,800.00		M=1992					metal	300 lb/cy	business estimate	0.90
		return toner cartridges	46.80									other	2.5 lb/toner cartridge	U.S.EPA	0.02
		reuse OCC boxes	858.00									paper	1.1 lb/box	U.S.EPA	0.43
		reuse egg crates	50.00									paper	5 lb/egg crate	business estimate	0.03
		replace paper towels with cloth towels	120.00									paper	10 lb/case	business estimate	0.06
		reuse paper wrap	120.00									paper	10 lbs/month	business estimate	0.06
		reuse large OCC boxes	960.00									paper	4 lb/box	U.S.EPA	0.48
		return 5 gal containers	488.80									plastic	.94 lb/container	business estimate	0.24
		reuse bubble wrap	90.00									plastic	5-10 lbs/month	business estimate	0.05
		reuse wooden pallets	4,160.00									organic	40 lb/pallet : 5 trips/pallet	U.S.EPA	2.08
		reuse wooden crates	1,500.00									organic	50 lb/crate	business estimate	0.75
		implement online viewing	30.00									paper	.5 lb/ream	U.S.EPA	0.02
		reusable mugs instead of paper cups	78.30									paper	.01 lb/cup	business estimate	0.04
108	Wholesale Landscape Supply	recycle wooden pallets	7,200.00									organic	40 lb/pallet	U.S.EPA	3.60
		reuse wooden pallets	192.00									organic	40 lb/pallet : 5 trips/pallet	U.S.EPA	0.10
		return copier toner cartridges	20.00									other	5 lb/cartridge	U.S.EPA	0.01
109	Physical Trainer	no activity	4												0.00
110	Boat Sales	no activity	2												0.00
111	Woman Hand Bag production	no activity	7												0.04
		reuse wooden pallets	80.00									organic	40 lb/pallet : 5 trips/pallet	U.S.EPA	0.04
112	Golf cart/utility cart/riding mower distributor	Office paper duplex/scratch	1,560.00									paper	5lbs/ream	USEPA	0.78
		Paper donated to schools	780.00									paper	5lbs/ream	USEPA	0.39
		OCC reuse	2,600.00									paper	50bs/wk	business estimate	1.30
		Scrap metal (in business 7yrs)			20,000.00		M=1994					metal	weight records	company records	10.00
		Wood pallets to broker	9,600.00									other org	40lbs/ea	CIWMB	4.80
		Wood pallets reused/returned	384.00									other org	40bs/5	CIWMB	0.19
		Toner cartridge sent back	60.00									other	2.5lbs/ea	USEPA	0.03
113	Mfg: Of Welding Equipment	recycle brass & copper (increase since 1990)		12,000.00		M = 1985						metal	2,000 lb/ 2 months	business estimate	6.00
		reuse OCC small-large boxes	1,300.00									Paper	2.5 lb/box(av weight of s	U.S.EPA	0.65
		reuse wooden pallets	4,160.00									Organic	40 lb/pallet : 5 trips/pallet	U.S.EPA	2.08
114	Warehouse distribution/spare parts for construction equip	Office paper reuse	120.00									paper	5lbs/ream	USEPA	0.06
		OCC scavenged	1,560.00									paper	30lbs/wk	business estimate	0.78
		OCC reuse	600.00									paper	est. 50% of recycled	business estimate	0.45
		5gal plastic bucket reuse/donate	198.00									plastic	1.9lbs/ea	USEPA	0.10
		Foam bags donation/reuse	1,040.00									plastic	20bs/wk	business estimate	0.52
		Reusable plywood crates	570.00									other org	25bs/5	in CIWMB, weight fr	0.29
		Toner cartridge sent back	20.00									other	2.5lbs/ea	USEPA	0.01
115	Distributor Of Ceramic Tile	reuse med OCC box	8,612.04									paper	2.2 lb/box	U.S.EPA	4.31
		reuse wooden pallets	14,560.00									organic	40 lb/pallet : 5 trips/pallet	U.S.EPA	7.28
		use of routing slips	152.22									paper	.01 lb/sheet	U.S.EPA	0.08
116	Wood Cabinet Manufacturer	no activity	3												0.00
117	Auto Shop	no activity	8												0.00
118	Auto Repair	recycle scrap metal, incr. since 1990		7,200.00		M=before 1990						metal	600 lb/month	business estimate	3.60
		reuse shop cloths	1,612.50									organic	6-10 cloths/1lb	EcoTelesis field stud	0.81
119	Hardware Home Improvement hardware	recycle damaged pallets	4,160.00									organic	40 lb/pallet	U.S.EPA	2.08
		reusable mugs instead of paper cups	28.71									paper	.01 lb/cup	business estimate	0.01
		reuse OCC slipsheets	130.00									paper	.5 lb/slipsheet	business estimate	0.07
		view reports online	520.00									paper	.5 lb/report	business estimate	0.26
		doubleside and reuse as scratch paper	220.00									paper	.5 lb/ream	U.S.EPA	0.11
		reuse wooden pallets	145,600.00									organic	40 lb/pallet : 5 trips/pallet	U.S.EPA	72.80
120	Accounting & Tax Service	paper reused as scratch	13.05									Paper	.01 lb/sheet paper	U.S.EPA	0.01
121	Industrial Parts Distributor	reuse small CCC boxes	454.08									paper	1.1 lb/box	U.S.EPA	0.23
		recycle wooden pallets	2,064.00									organic	40 lb/pallet	U.S.EPA	1.03
		reuse shop cloths	40.00									organic	20 lb/2 yr	business estimate	0.02

Reference Number	Business Type	Activity Description	Number of Employees	Year Restricted								Source	Tons per year		
				Diversion (weight in pounds)		Waste Pgmn began indicate if multiple	Inerts or Ag	Inerts or Ag	Composting	Material Type (category)	Conversion Factor (weight per count)				
				Recycling	Metals		SR	R	M=metal, I=inert, A=ag	SR	R				
122	Food Service Warehouse & Distribution	reuse bubble wrap	23	206.40								plastic	3 lbs/33 gal	U.S.EPA	0.10
		recycle med OCC boxes		70,950.00								paper	2.2 lb/box	U.S.EPA	35.48
		recycle OCC slipsheets		38,700.00								paper	2 lb/slipsheet	business estimate	19.35
		recycle shrink wrap		9,675.00								plastic	.5 lb/pallet load	talco	4.84
		recycle wooden pallets		30,960.00								organic	40 lb/pallet	U.S.EPA	15.48
		recycle office white ledger		5,160.00								paper	5 lb/ream	U.S.EPA	2.58
		double siding		2,580.00								paper	5 lb/ream	U.S.EPA	1.29
		return copier toner cartridge		20.00								other	5 lb/cartidge	U.S.EPA	0.01
123	Automobiles repair		36												1.70
		return toner cartridges		15.00								other	2.5 lb/toner cartridge	U.S.EPA	0.01
		reuse OCC boxes		2,100.00								paper	2.5 lb/box/avg weight of s	U.S.EPA	1.05
		reuse bubble wrap		40.00								plastic	20 lb/6 months	business estimate	0.02
		reuse plastic bags		20.00								plastic	10 lb/3 months	business estimate	0.01
		reuse wooden crates		5,200.00								organic	50 lb/crate	business estimate	2.60
		reusable mugs instead of paper cups		26.10								paper	.01 lb/cup	business estimate	0.01
124	Manufactures Landscape Tools		32												12.02
		recycle OCC		15,600.00								paper	50 lb/cy	Tellus	7.80
		use routing slips		520.00								paper	.01 lb/sheet	U.S.EPA	0.26
		reuse OCC med boxes		7,920.00								paper	2.2 lb/box	U.S.EPA	3.96
125	copy company		215												28.85
		Mixed paper recycled by hauler		56,706.00								paper	363.5 lbs/cy	USEPA	28.35
		Toner cartridges sent back		600.00								other	2.5 lbs/cartridge	USEPA	0.30
126	Grocery Store		2												1.14
		OCC recycled		2,288.00								Paper	2.2 lb/box	U.S.EPA	1.14
127	Furniture warehouse distribution		50												93.68
		Office paper duplex/scratch		45.00								paper	50lbs/case	USEPA	0.02
		OCC scavenged		156,000.00								paper	50lbs/yd flattened	Tellus	76.00
		OCC reuse		7,800.00								paper	.5% of qt recycled	business estimate	3.90
		Styrofoam recycled		2,600.00								plastic	50lbs/wk	business estimate	1.30
		Bubble wrap reused		110.00								plastic	3lbs/33gal	USEPA	0.06
		Wood pallets reused		20,800.00								other org	40lbs/5	CIVMB	10.40
		Toner cartridge sent back		10.00								other	2.5lbs/ea	USEPA	0.01
128	Steel Metal Manufacturer		50												28.80
		recycle scrap metal, incr. since 1990			51,600.00	M=before 1990						metal	51,600 lbs/yr	business estimate	25.80
129	arcade		143												0.29
		OCC pick up by scavenger		572.00								paper	1.1 lbs/small box	USEPA	0.29
130	Leather Belts Manufacturing		50												6.60
		recycle aluminum plates (increase since 1990)			1,200.00	M=before 1990						Metal	400 lbs/4 months	business estimate	0.60
		recycle leather belt scraps		12,000.00								Organic	2,000 lbs/2 months	business estimate	6.00
131	furniture store		15												3.91
		OCC pick up by hauler		7,812.48								paper	50.08 lbs/cy flat	Tellus	3.91
132	miscellaneous retail		35												16.90
		OCC recycled through corporate		12,019.20								paper	50.08 lbs/cy	Tellus	6.01
		Foam peanuts reused		978.12								plastic	6.27 lbs/cy	Tellus	0.49
		Pallets reused		20,800.00								other organic	40 lbs/5 trips	USEPA	10.40
133	Liquid & Vacuum Pump Repair		2												0.26
		reuse wooden pallets		288.00								organic	40 lbs/pallet : 5 trips/palle	U.S.EPA	0.14
		reuse med OCC box		227.04								paper	2.2 lb/box	U.S.EPA	0.11
134	Central office switching installation		10												23.52
		recycle old files			375.00							paper	5 lb/ream	U.S.EPA	0.19
		recycle shredded paper			632.00							paper	8 lbs/33 gal	U.S.EPA	0.42
		recycle scrap cables			6,000.00							plastic	50 lbs/month	business estimate	3.00
		return toner cartridges		150.00								other	2.5 lb/toner cartridge	U.S.EPA	0.08
		reuse OCC boxes		3,262.50								paper	2.5 lb/box(avg weight of s	U.S.EPA	1.63
		reusable mugs instead of paper cups		26.10								paper	.01 lb/cup	business estimate	0.01
		reuse wooden pallets		36,400.00								organic	40 lb/pallet : 5 trips/pallet	U.S.EPA	18.20
135	Supermarket		45												127.02
		recycle baled OCC		219,100.00								Paper	600 lb/bale	business estimate	109.55
		recycle fat and bones		21,320.00								Organic	410 lbs/55 gal	U.S.EPA	10.66
		reuse plastic pallets instead of wooden		6,240.00								Organic	40 lb/pallet	U.S.EPA	3.12
		reuse wooden pallets		6,240.00								Organic	40 lb/pallet : 5 trips/pallet	U.S.EPA	3.12
		donate old bread		624.00								Organic	12 lb/wk	business estimate	0.31
		donate old cakes		526.00								Organic	10 lb/wk	business estimate	0.26
136	copy/mailing service		3												7.54
		OCC reused		5,720.00								paper	2.2 lbs/med box	USEPA	2.86
		Shredded paper reused for packing		4,818.00								paper	0.24 lbs/gal	USEPA	2.41
		Styrofoam reused		390.00								plastic	1.5 lbs/cy	USEPA	0.20
		Pallets reused		4,160.00								other organic	40 lbs/5 trips	USEPA	2.08
137	copy/mailing store		2												0.31
		Styrofoam kernels reused		622.33								plastic	0.31 lbs/gal	Tellus	0.31

Reference Number	Business Type	Activity Description	Number of Employees	Diversion (weight in pounds)			Year Restricted	Waste Pgm Began	Indicate if multiple M=metal, I=inert, A=ag	Inerts or Ag SR	Inerts or Ag R	Composting	Material Type (category)	Conversion Factor (weight per count)	Source	Diversion tonnage per year	
				Recycling	Metals SR	Metals R											
138	Manufactures Metal & Fabricated Exams		60														31.26
	recycle OCC			37,928.00										paper	50 lb/cy	Tellus	18.96
	reuse wooden pallets			24,000.00										Organic	40 lb/pallet	U.S.EPA	12.00
	reuse plastic			600.00										plastic	600 lb/yr	business estimate	0.30
139	Manufacture vinyl window and doors		220														1218.84
	Office paper recycling			12,000.00										paper	25.41lbs/33gal	USEPA	6.00
	Office paper reuse			2,880.00										paper	5lbs/realm	USEPA	1.44
	OCC recycling			38,000.00										paper	50lbs/yd flattened	Tellus	19.50
	OCC reuse copy paper boxes			450.00										paper	1.25lbs ea	coTelasis field surve	0.23
	Broken window glass recycled			2,204,280.00										glass	157lbs/cu ft	FEECO	1,102.14
	Plastic recycling (viny short ends and trims)			104,000.00										plastic	100lbs/yd	business estimate	52.00
	Wood pallets to broker			72,800.00										other org	40lbs ea	CIWMB	36.40
	Wood pallets reuse			2,080.00										other org	40lbs/5	CIWMB	1.04
	Toner cartridge sent back			180.00										other	2.5lbs/ea	USEPA	0.09
140	Furniture Assembly and Wholesale		11														2.66
	OCC recycled			5,200.00										Paper	100 lb/wk	business estimate	2.60
141	Food Manufacturing & Processing		70														501.28
	recycle DCC bales			288,000.00										paper	600 lb/bale	business estimate	144.00
	recycle 5 gal buckets			4,050.00										plastic	1.5 lb/bucket w/handle	business estimate	2.03
	recycle 3.5 gal buckets			6,300.00										plastic	1.05 lb/bucket	business estimate	3.15
	recycle wooden pallets			19,200.00										organic	40 lb/pallet	U.S.EPA	9.60
	recycle flour			367,000.00										organic	500 lb/cy	business estimate	193.50
	reuse wooden pallets			312,000.00										organic	40 lb/pallet : 5 trips/pallet	U.S.EPA	156.00
142	Manufactures Clay Pipe & Rubber Connectors		15														0.60
	recycle office paper			1,200.00										paper	5 lb/realm	U.S.EPA	0.60
143	New & used appliance retail store		4														23.04
	extra large OCC boxes recycled			3,120.00										Paper	6 lb/extra large box	business estimate	1.56
	recycle refrigerators			10,296.00										other	198 lb/cy	Tellus	5.15
	recycle washers			16,692.00										other	321 lb/cy	Tellus	8.35
	recycle dryers			11,648.00										other	224 lb/cy	Tellus	5.82
	donate extra large OCC boxes			208.00										Paper	6 lb/extra large box	business estimate	0.10
	recycle old furniture			4,160.00										other	80 lb/cy	Tellus	2.08
144	Scrapbook and classes supplies		6														0.11
	reuse medium OCC boxes			228.80										Paper	2.2 lb/med box	U.S.EPA	0.11
145	Manufactures Plastic Products		320														523.30
	recycle scrap plastic			40,000.00										plastic	10,000/4 x year	business estimate	20.00
	recycle plastic regindr			100,000.00										plastic	100,000 lbs/yr	business estimate	50.00
	reuse plastic regindr			200,000.00										plastic	200,000 lbs/yr	business estimate	100.00
	recycle CCC bales			172,800.00										Paper	600 lbs/bale	business estimate	88.40
	donate plastic hangers to charity			35,000.00										plastic	35,000 lb/yr	business estimate	17.50
	recycle office paper			8,724.00										Paper	363.5 lb/cy	Tellus	4.36
	replace pallets with reusable OCC slipsheet			240,000.00										Paper	2.5 lb/slipsheet	business estimate	120.00
	recycle wooden pallets			240,000.00										organic	40 lb/pallet	U.S.EPA	120.00
	recycle OCC gaylord			3,750.00										Paper	25 lb/gaylord	business estimate	1.88
	recycle shop cloths			6,500.00										organic	6-10 cloths/1lb	EcoTelasis field stud	3.25
146	Remanufactures Turbo/ Vacuum Pumps		55														15.72
	recycle CCC boxes			15,600.00										Paper	50 lb/cy	Tellus	7.80
	recycle scrap metal				14,400.00	M=1992								metal	400 lb/month	business estimate	7.20
	recycle metal 55 gal drums				1,440.00	M=1992								Metal	30 lb/drum	business estimate	0.72
147	beauty supply		4														0.72
	OCC pick up by scavenger			1,430.00										Paper	1.1 lbs/small box	USEPA	0.72
148	tailor		1														0.00
	no activity																0.00
149	Manufactures Rubber Products		171														1,061.27
	recycle OCC flattened			48,000.00										Paper	50 lb/cy	Tellus	24.00
	recycle scrap metal, Increase since 1990				384,000.00	M=before 1990								Metal	32000 lbs/month	business estimate	192.00
	recycle scrap rubber			1,440,000.00										Organic	20,000 lbs/40cy	business estimate	720.00
	return toner cartridges			180.00										other	5 lb/cartridge	U.S.EPA	0.09
	recycle CPO			41,552.00										Paper	519.4 lb/cy	Tellus	20.78
	recycle wooden pallets			96,000.00										Organic	40 lb/pallet	U.S.EPA	48.00
	reuse wooden pallets			124,800.00										Organic	40 lb/pallet : 5 trips/pallet	U.S.EPA	62.40
150	Mfg. Stimtubs		90														1.99
	recycle med OCC boxes			450.00										Paper	400-500 lb/yr	business estimate	0.23
	reuse for scratch paper			165.00										Paper	5 lb/realm	U.S.EPA	0.08
	reuse wooden pallets			2,160.00										organic	40 lb/pallet : 5 trips/pallet	U.S.EPA	1.08
151	Motel		15														4.50
	reuse old rags			9,125.00										organic	25 lb/day	business estimate	4.56
152	Graphic Signs		24														0.42
	reuse OCC			240.00										Paper	20 lbs/month	business estimate	0.12
	donate used plywood to schools			600.00										Organic	150 lbs/3 months	business estimate	0.30
153	tuxedo & camping supplies		4														0.12
	OCC reused for packaging			114.40										Paper	2.2 lbs/med box	USEPA	0.08

Reference Number	Business Type	Activity Description	Number of Employees	Diversion (weight in pounds)			Year Restricted Waste Pgm Began	Indicate if multiple M=metal, I=inert, A=ag	Inerts or Ag SR	Inerts or Ag R	Composting	Material Type (category)	Conversion Factor (weight per count)	Source	Diversion Tons per year	
				Source Reduction	Recycling	Metals										
150	General Contracting	Office paper reused	10	120.12									paper	10.01 lbs/13 gal	USEPA	0.06
		recycle wood scrap			12,851.67								organic	329.53 lb/cy	Tellus	6.43
151	arts & crafts	OCC recycled by scavenger	7		1,716.00								paper	2.2 lbs/med box	USEPA	0.86
152	Warehouse & Delivery	reuse wooden pallets	15	312,000.00									organic	40 lb/pallet : 5 trips/pallet	U.S.EPA	156.00
157	Boat Sales & Service		35													7.15
		recycle flattened OCC			7,800.00								paper	50 lb/cy	Tellus	3.90
		return copier toner cartridges		100.00									other	5 lb/cartridge	U.S.EPA	0.05
		implement voice mail		118.00									paper	.01 lb/sheet paper	U.S.EPA	0.06
		pallets taken for firewood			5,000.00								organic	40 lb/pallet	U.S.EPA	2.50
		reuse shop cloths		1,290.00									organic	6-10 cloths/lb	EcoTelesis field stud	0.65
158	Mfg./Distribution Copper Stock		5													2.08
		reuse large OCC boxes		2,064.00									paper	4 lbs/box	U.S.EPA	1.03
		reuse wooden pallets		2,080.00									organic	40 lb/pallet : 5 trips/pallet	U.S.EPA	1.04
		reusable mugs instead of paper cups		9.03									paper	.01 lb/cup	business estimate	0.00
		return toner cartridges		15.00									other	2.5 lb/toner cartridge	U.S.EPA	0.01
159	Manufacture Furniture for Cats & Birds		100													345.44
		OCC recycling			109,200.00								paper	600 lb/bale	business estimate	54.60
		OCC boxes reused		13,740.00									paper	12.5 % of qty. recycled	business estimate	6.87
		Office paper reuse		90.00									paper	50 lb/case @ 5% paper u	business estimate	0.05
		Bubble wrap reused		24.00									plastic	3lbs/33gal	USEPA	0.01
		Wood pallets to broker			416,000.00								other org	40lbs ea	CIWMB	208.00
		Sawdust reused in manuf. Process			195,000.00								other org	375lbs/yd.	Tellus	97.50
		Wood pallets reuse		10,400.00									other org	40lbs/5	CIWMB	5.20
		Carpet offcuts reuse		26,000.00									other org	500lbs/wk	business estimate	13.00
		Toner cartridge sent back		120.00									other	2.5lbs/ea	USEPA	0.06
		Furniture & Equip. donated		300.00									other	300lbs/yr.	business estimate	0.15
160	Plastic injection molding		70													512.58
		reuse OCC payloads		1,000.00									paper	1,000 lbs/yr	business estimate	0.50
		reuse plastic scrap in production line		1,020,000.00									plastic	85,000 lbs/month	business estimate	510.00
		reuse wooden pallets		4,160.00									organic	40 lb/pallet : 5 trips/pallet	U.S.EPA	2.08
161	Office supply store		16													11.32
		OCC baled and sent back to DC			19,500.00								paper	250 lbs/bale	business weight	9.75
		Pallet reuse		3,120.00									other organic	40 lbs/5 trips	USEPA	1.56
		Toner cartridge sent back			10.00								other	2.5 lbs/cartridge	USEPA	0.01
162	Liquor store		3													0.00
		no activity														0.00
163	Religious Non-Profit		10													0.03
		Implement voice mail		60.89									paper	.01 lb/sheet	U.S.EPA	0.03
164	Manufacturing of carpet's yarns		4													2.44
		reuse large OCC boxes		2,080.00									paper	4 lb/box	U.S.EPA	1.04
		reuse cut off yarns		1,560.00									other	30 lb/wk	business estimate	0.78
		reuse wooden pallets		1,248.00									Organic	40 lb/pallet : 5 trips/pallet	U.S.EPA	0.62
165	Sales of Construction Equip.		16													10.61
		OCC recycling			520.00								paper	10lbs/wk	business estimate	0.26
		Office paper reuse		60.00									paper	5lbs/month	business estimate	0.03
		OCC reuse		480.00									paper	40lbs/month	business estimate	0.24
		Scrap Metal (in business since 1999)				13,500.00	M=1999						metal	13,500lbs/yr.	business estimate	6.75
		Core parts remanuf.			1,020.00	M=1999							metal	6.5 units/mo. @ 10lbs	business estimate	0.51
		5gal plastic bucket reuse/donate		570.00									plastic	1.9lbs/ea	USEPA	0.29
		Scrap wood - employee firewood			3,000.00								other org	250lbs/mo.	business estimate	1.50
		Wood crates to schools		1,440.00									other org	4 crates/mo. @ 30lbs	business estimate	0.72
		Wood pallets reuse		624.00									other org	40lbs/5	CIWMB	0.31
		Toner cartridge sent back		15.00									other	2.5lbs/ea	USEPA	0.01
166	Rubber Molding manufacturing		50													3.73
		recycle scrap metals, increase since 1990				1,500.00	M=before 1990						metal	1,500 lbs/yr	business estimate	0.75
		recycle broken pallets			6,000.00								Organic	40 lb/pallet	U.S.EPA	3.00
167	Aircraft parts service & repair		48													3.48
		recycle white office ledger			847.00								paper	.77 lb/gal	U.S.EPA	0.42
		reuse paper as scratch		1,800.00									paper	5 lb/ream	U.S.EPA	0.90
		reuse polystyrene foam		3,523.50									plastic	1-.48 lb/foam	business estimate	1.76
		give away foam peanuts to neighboring busi		783.00									plastic	1.5 lbs/bag	business estimate	0.39
168	Water Bottle Industry		50													720.90
		recycle OCC bales			1,170,000.00								paper	900 lb/bale	business estimate	585.00
		recycle PETE bales			54,600.00								Plastic	350 lb/bale	business estimate	27.30
		recycle HDPE bales			36,400.00								Plastic	350 lb/bale	business estimate	18.20
		reuse wooden pallets		166,400.00									Organic	40 lb/pallet : 5 trips/pallet	U.S.EPA	83.20
		recycle wooden pallets			14,400.00								Organic	40 lb/pallet	U.S.EPA	7.20
169	Mfg. Hydraulics cylinders		45													47.98
		recycle OCC boxes			6,922.24								paper	16.64 lb/cy whole boxes	Tellus	3.46

Reference Number	Business Type	Activity Description	Number of Employees	Diversion (weight in pounds)			Year Restricted Waste Form Began	Indicate if multiple M=metal, I=inert, A=ag	Inerts or Ag SR	Inerts or Ag R	Composting	Material Type (category)	Conversion Factor (weight per count)	Source	Diversion Tons per year
				Source Reduction	Recycling	Metals SR									
185	Residential Construction	reuse wooden pallets	185	19,200.00								organic	40 lb/pallet : 5 trips/pallet	U.S.EPA	9.60
186	electronics store	OCC reused	5	2,860.00								paper	2.2 lbs/med box	USEPA	3.41
		OCC pick up by scavenger		2,860.00								paper	2.2 lbs/med box	USEPA	1.43
		Office paper sent to corporate and then recycled		520.52								paper	10.01 lbs/13 gal	USEPA	0.26
187	grocery store	OCC pick up by scavenger	2	572.00								paper	2.2 lbs/med box	USEPA	0.29
188	Distributor Of Trailer Hitches	recycle wooden pallets	6	12,000.00								organic	40 lb/pallet	U.S.EPA	6.00
		recycle office white ledger		1,548.00								paper	5 lbs/ream	U.S.EPA	0.77
		return toner cartridges		30.00								other	2.5 lb/toner cartridge	U.S.EPA	0.02
189	Paving construction	recycle office white ledger	25	120.00								paper	5 lbs/ream	U.S.EPA	0.06
		recycle old asphalt										other	5.5 tons/wk	business estimate	286.00
		return pallets		144.00								organic	40 lb/pallet : 5 trips/pallet	U.S.EPA	0.07
190	Sales/Administration office of Thermo Plastics	reuse small-large OCC boxes	9	10,400.00								paper	2.5 lb/box (avg. weight of sma	U.S.EPA	5.32
		reuse wooden pallets		6,240.00								organic	40 lb/pallet : 5 trips/pallet	U.S.EPA	3.12
191	Wholesale plumbing supplies	recycle OCC boxes	12	1,875.00								paper	2.5 lb/box(avg wgt of sma	U.S.EPA	0.94
		reuse shredded paper for packaging		192.00								paper	8 lbs/33 gal	U.S.EPA	0.10
		reuse OCC boxes		6,000.00								paper	2.5 lb/box(avg wgt of sma	U.S.EPA	3.00
		reuse gaylord boxes		5,400.00								paper	60 lbs/month	business estimate	2.70
		reuse ONP for packaging		1,305.00								paper	1 lb/newspaper	business estimate	0.65
		reuse foam peanuts		18.00								plastic	1.5 lb/33 gal	business estimate	0.01
		reuse pallet shrink wrap		288.75								plastic	.5 lb/pallet load	talco	0.14
		reuse wooden pallets		26,400.00								organic	40 lb/pallet : 5 trips/pallet	U.S.EPA	13.20
		reuse wooden crates		7,200.00								organic	60 lbs/crate	business estimate	3.60
		doubleside and reuse as scratch paper		337.50								paper	5 lbs/ream	U.S.EPA	0.17
192	Retail Hardware Store	recycle wooden pallets	15	20,640.00								organic	40 lbs/pallet	U.S.EPA	10.32
		reuse wooden pallets		10,400.00								organic	40 lbs/pallet : 5 trips/palte	U.S.EPA	5.20
193	Plastic Bag Manufacturer	recycle OCC gaylords	70	10,334.40								paper	25 lb/gaylord	business estimate	5.17
		reuse OCC boxes		28,800.00								paper	3 lb/box	business estimate	14.40
		reuse shop cloths		322.50								organic	6-10 cloths/1lb	EcoTelesis field stud	0.16
		recycle wooden pallets		288,000.00								organic	40 lb/pallet	U.S.EPA	144.00
194	drug store	OCC recycled by hauler	145	7,812.48								paper	50.08 lbs/cy	USEPA	3.91
		Pallets resued		20,800.00								other organic	40 lbs/8 trips	USEPA	10.40
195	Medical/Medical components	recycle OCC boxes	40	717.75								paper	1.1 lb/box	U.S.EPA	0.36
		reuse small OCC boxes		430.65								paper	1.1 lb/box	U.S.EPA	0.22
		reuse cardboard eggcrates		6,525.00								paper	25 lb/egg crate	business estimate	3.26
		reuse q-tips		1,174.50								paper	.01 lb/qtip	business estimate	0.59
196	Family clothing store	OCC recycled by scavenger	30	14,300.00								paper	2.2 lbs/med box	USEPA	7.15
197	Distributor/supplier dishes and accessories, trade only	Office paper reuse for packaging	14	750.00								paper	5lbs/ream	USEPA	0.38
		Office paper duplex/scratch		75.00								paper	10% of softpack packaging	business estimate	0.04
		OCC recycling		10,400.00								paper	50lbs/yd flattened	Tellus	5.20
		OCC reuse		20,800.00								paper	2 x recycled	business estimate	10.40
		Packaging peanut reuse		24.00								plastic	6.27lbs/yd	Tellus	0.01
		Pallets to broker		208,000.00								paper	40lbs/ea	CIWMB	104.00
		Toner cartridge sent back		80.00								other	2.5lbs/ea	USEPA	0.03
198	Electronics/PCBs and circuit assemblies	Office paper duplex/scratch	15	80.00								paper	5lbs/ream	USEPA	0.03
		OCC to scavenger		360.00								paper	30lbs/mo	business estimate	0.18
		Office paper reuse		600.00								paper	50lbs/mo	business estimate	0.30
		Soft plastics reused		120.00								plastic	10lbs/mo	business estimate	0.06
		Wood pallets given away		480.00								other org	40lbs/each	CIWMB	0.24
		Toner cartridge sent back		10.00								other	2.5lbs/ea	USEPA	0.01
199	Sports/collecting items/antiques	recycle office white ledger	55	600.00								paper	5 lb/ream	U.S.EPA	0.30
		recycle OCC boxes		4,241.25								paper	2.5 lb/box(avg wgt of sma	U.S.EPA	2.12
		return toner cartridges		75.00								other	2.5 lb/toner cartridge	U.S.EPA	0.04
200	Binder packaging & wholesale/retail	recycle flattened OCC	5	7,812.48								paper	50 lb/cy	Tellus	3.91
		recycle scrap vinyl		10,800.00								plastic	400-500 lbs/3 months	business estimate	5.40
		reuse wooden pallets		416.00								organic	40 lb/pallet : 5 trips/pallet	U.S.EPA	0.21
		reuse paper as scratch		36.00								paper	5 lb/ream	U.S.EPA	0.02

Reference Number	Business Type	Activity Description	Number of Employees	Diversion (weight in pounds)			Year Restricted			Source	Diversion Tons per year	
				Source Reduction	Recycling	Metals SR	Metals R	Waste Pgm Began	Inerts or Ag SR	Inerts or Ag R		
								indicate if multiple M=metal, I=inert, A=ag			Material Type (category)	Conversion Factor (weight per count)
		recycle scrap aluminum (increase since 1990)				3,150.00		M=1985			Metal	175 lb/cy
		recycle scrap metals (increase since 1990)				21,744.00		M=1985			Metal	908 lb/cy
		recycle stainless steel (increase since 1990)				3,000.00		M=1985			Metal	500 lb/2 months
		reuse CNP for packaging	146,000.00								Paper	400 lbs newspaper/day
215	Non-Print/Calculator		3									
		recycle CNP		258.00							paper	1 lb/newspaper
		return toner cartridges	15.00								other	2.5 lb/toner cartridge
		grasscycling on 12 acres	156,000.00								organic	6.5 tons/acre
217	Water Sports/Craft Sales & Service		20									
		reuse shop cloths	300.00								organic	8-10 cloths/lb
		recycle white ledger		5.00							paper	5 lb/ream
		reusable mugs instead of paper cups	43.34								paper	.01 lb/cup
		return toner cartridge	60.00								other	5 lb/cartridge
218	Mixed Materials		15									
		recycle OCC boxes		54,000.00							paper	4,000-5,000 lbs/month
		recycle CPO		1,200.00							paper	100 lbs/month
		recycle office mixed paper and magazines		2,400.00							paper	200 lbs/month
		recycle stretch wrap		867.00							plastic	50 lbs/3 weeks
		recycle 55 gal plastic drums		6,240.00							plastic	15 lbs/drum
		recycle wooden pallets		7,680.00							organic	40 lb/pallet
		recycle small OCC boxes		396.00							paper	1.1 lb/box
		reuse OCC payloads		12,000.00							paper	1,000 lbs/month
		reuse corrugated tubes		7,410.00							paper	2.6-5 lbs/tube
		return 5 gal containers		855.40							plastic	.94 lb/container
		scrap polypropylene grindings reused		1,095,000.00							plastic	3,000 lbs/day
		reuse wooden pallets		83,200.00							organic	40 lb/pallet - 5 trips/pallet
219	Plastic bags manuf.		70									
		reuse 55 gal paper drums		728.00							paper	15 lb/drum
		reuse plastic scrap		1,560,000.00							plastic	30,000 lbs/wk
220	Roof manufacturing		50				234,900.00	M=before 1990				
		recycle steel, incr. since 1990									metal	9,000 lbs/10 days
		reuse 5 gallon plastic containers		1,718.00							Plastic	1.5 lb/container
221	Manufactures Aircraft Floor Panels		37									
		recycle med OCC boxes		3,444.82							paper	2.2 lb/box
		recycle scrap metal			3,600.00						metal	300 lb/month
		return copier toner cartridges		180.00							other	15 lb/cartridge
		reuse shop cloths		225.00							organic	8-10 cloths/lb
222	Mixed aluminum extrusions for windows & lattice products		77									
		recycle OCC boxes		325.00							paper	2.5 lb/box (avg wgt of sm)
		recycle scrap aluminum			175.00		1999				metal	175 lbs/yr
		reuse OCC boxes		780.00							paper	3 lb/box (avg wgt of med)
		doublesiding and reuse as scratch		10.44							paper	.01 lb/sheet
		reuse wood cuts		390.00							organic	5-10 lbs/wk
		reuse wooden pallets		832.00							organic	40 lb/pallet - 5 trips/pallet
223	Glass Design & Installation Services		3									
		reuse small OCC boxes		1,032.90							paper	1.1 lb/box
		reuse 5 gallon plastic containers		146.64							Plastic	.94 lb/container
224	Paper packaging industry		86									
		recycle white paper		2,080,000.00							paper	20 tons/week
		recycle brown paper		480,000.00							paper	20 tons/month
		OCC recycled		20,841.60							paper	50 lb/cy
		mixed paper recycled		37,752.00							paper	484 lb/cy
		recycle wooden pallets		12,480.00							Organic	40 lb/pallet
		resell OCC to pestore		52,000.00							paper	1000 lbs/wk
		donate paper wrapper		39,000.00							paper	750 lb/wk
225	Custom Automobile Upholstery/Vinylware Corp.		100									
		OCC RC'd.		52,000.00							Paper	50 lbs/yd
		Office paper duplex/scratch		120.00							paper	5 lbs/ream
		Clean ABS to RC'er		2,400.00							Plastic	200lbs/mo.
		Wood Pallets reused		7,680.00							other org	40lbs/5
226	Manufacture pipe hangers, metal stampings		300									
		Office paper recycling			4,800.00						paper	.77 lbs/gal
		Office paper duplex/scratch		1,040.00							paper	5 lbs/ream
		OCC recycling			182,000.00						paper	700 lbs/bale
		OCC reuse		300.00							paper	25 lbs/mo
		30gal fiber drum return/reuse		450.00							paper	7.5 lbs/ea
		Scrap metal (increase since 1990)				37,500.00	M=1986				metal	weight records
		Metal parts stripped and salvaged				1,500.00	M=1986				metal	1500lbs/yr
		Wood pallet reuse		23,040.00							other org	40lbs/5
		Toner cartridge sent back		60.00							other	2.5 lbs/ea
227	Drum Recycling		1									
		Toner cartridge sent back			5.00						other	2.5 lbs/cartridge
											USEPA	0.00

Reference Number	Business Type	Activity Description	Number of Employees	Diversion (weight in pounds)			Year Restricted	Waste Pgm Began	Inerts or Ag	Inerts or Ag	Composting	Material Type (category)	Conversion Factor (weight per count)	Source	Diversion (pounds per year)	
				Source Reduction	Recycling	Metals SR	Metals R	M=metal, I=inert, A=aq	SR	R						
228	Classic Car Restoration	reuse 5 gal buckets	3	136.80									plastic	1.9 lb/bucket	field weights	0.07
229	Heavy Equipment Rental	return toner cartridges	14		30.00								other	2.5 lb/toner cartridge	U.S.EPA	0.02
		recycle scrap metal, incr. since 1990				20,000.00		M=before 1990					metal	5 tons/2 x year	business estimate	10,00
230	General Construction/Framing	return toner cartridges	30		60.00								other	2.5 lb/cy	U.S.EPA	0.03
		recycle pallets			8,320.00								organic	40 lb/pallet	U.S.EPA	4.16
231	Lead Acid Battery Manufacturer	recycle OCC	100			24,000.00							paper	2,000 lbs/month	business estimate	12.00
		recycle wooden pallets				96,000.00							organic	40 lb/pallet	U.S.EPA	48.00
		reuse shop cloths		1,800.00									organic	150 lbs/month	business estimate	0.90
		return toner cartridges		180.00									other	5 lb/cartridge	U.S.EPA	0.09
		recycle shredded paper				150.00							paper	10-15 lbs/month	business estimate	0.08
232	Manufacturer Of Golf Club Shafts	recycle plastic bags	40			54,000.00							plastic	15 lbs/150 bags	business estimate	27.00
		recycle OCC flattened				24,000.00							paper	50 lb/cy	Tellus	12.00
		reuse wooden pallets		2,080.00									organic	40 lb/pallet : 5 trips/pallet	U.S.EPA	1.04
		reuse shop cloth		645.00									organic	6-10 cloths/lb	EcoTelesis field stud	0.32
233	Printing commercial services	recycle paper scrap bales	45			1,324,575.00							paper	1400-1500 lbs/day	business estimate	662.29
		recycle office white paper				1,906.67							paper	5 lb/ream	U.S.EPA	0.95
		recycle wooden pallets				13,520.00							organic	40 lb/pallet	U.S.EPA	6.76
		return toner cartridges		36.00									other	2.5 lb/toner cartridge	U.S.EPA	0.02
		reuse plastic pallets instead of wood		960.00									organic	40 lb/pallet : 5 trips/pallet	U.S.EPA	0.48
		donate shrubs and yardwaste for compost							561.60				organic	108 lbs/cy	U.S.EPA	0.28
		reuse wooden pallets		24,960.00									organic	40 lb/pallet : 5 trips/pallet	U.S.EPA	12.48
234	Manufactures Racing Seats	reuse 5 gal HDPE buckets	90			38.00							plastic	1.9 lb/bucket	org aud wts	0.02
		reuse shop cloths				150.00							organic	6-10 cloths/lb	EcoTelesis field stud	0.08
235	Mfg Lumber products	recycle med OCC boxes	84			4,004.00							paper	2.2 lb/box	U.S.EPA	2.00
		recycle sawdust				3,915,000.00							organic	375 lb/cy	Tellus	1,957.50
		recycle wood blocks				1,720,146.60							organic	240 lbs/cy	Tellus	860.07
236	manufacturer and distributor of modular interior structures	Office paper duplex/scratch	105			364.00							paper	5lbs/ream	USEPA	0.18
		Office paper donated to schools		480.00									paper	5lbs/ream	USEPA	0.24
		OCC recycling				69,334.00							paper	50lbs/yd	Tellus	34.67
		Scrap ferrous metal (in business since 1999)					1,040,000.00	M=1999					metal	30,000lbs/ 40yd load	business estimate	520.00
		Scrap aluminum						4,960.00	M=1999				metal	175lbs/yd	Tellus	2.49
		Metal components salvaged				500.00		M=1999					metal	500lbs/yr	business estimate	0.25
		Wood pallets to broker				9,600.00							other org	40lbs	CIWMB	4.80
		Wood pallets reused		1,920.00									other org	40lbs/5	CIWMB	0.96
		Toner cartridge sent back		200.00									other	2.5lbs/ea	USEPA	0.10
		Unsalable modular shelves donated		2,000.00									other	2000lbs/yr	business estimate	1.00
237	Mfg Fiberglass Auto Body Parts	recycle pallets	20			9,600.00							organic	40 lb/pallet	U.S.EPA	4.80
		recycle OCC boxes				400.56							paper	16.64 lb/cy	tellus	0.20
		recycle fiberglass scrap				129,000.00							other	500 lb/55 gal	business estimate	64.50
238	Pipeline Distribution Facility	reuse OCC small boxes	20			572.00							paper	1.1 lb/box	U.S.EPA	0.29
		reuse OCC med boxes				3,432.00							paper	2.2 lb/box	U.S.EPA	1.72
		recycle wooden pallets				12,000.00							organic	40 lb/pallet	U.S.EPA	6.00
		recycle shredded paper		619.20									paper	8 lb/33 gal	U.S.EPA	0.31
		return toner cartridges		80.00									other	2.5 lb/toner cartridge	U.S.EPA	0.04
		reusable mugs instead of paper cups		32.51									paper	.01 lb/cup	business estimate	0.02
239	Construction dry utility	return toner cartridges	50			15.00							other	2.5 lb/toner cartridge	U.S.EPA	0.01
		double-sided and reuse as scratch		60.00									paper	5 lb/ream	U.S.EPA	0.03
		reusable mugs instead of paper cups		26.10									paper	.01 lb/cup	business estimate	0.01
		reuse pvc tubes		3,600.00									plastic	30 lbs/tube	business estimate	1.80
240	Auto Paint Distributor	reuse wooden pallets	15			20,800.00							organic	40 lb/pallet : 5 trips/pallet	U.S.EPA	10.40
241	Shoe store	OCC pick up by scavenger	15			2,631.20							paper	2.2 lbs/med box	USEPA	1.32
242	Plastic Toy manufacturing	recycle large OCC boxes	10			1,040.00							paper	4 lbs/box	U.S.EPA	0.52
		reuse wooden pallets		832.00									Organic	40 lb/pallet : 5 trips/pallet	U.S.EPA	0.42
243	Veterinary clinic	reuse shop cloth	16			967.50							organic	.12 lb/cloth	business estimate	0.48
		reuseable mugs instead of paper cups		21.67									paper	.01 lb/cup	business estimate	0.01

Reference Number	Business Type	Activity Description	Number of Employees	Diversion (weight in pounds)			Year Restricted Waste Prgm Began	Indicate if multiple M=metal, I=inert, A=ag	Inerts or Ag SR	Inerts or Ag R	Composting	Material Type (category)	Conversion Factor (weight per count)	Source	Pounds diversion per year	
				Recycling	Metals SR	Metals R										
				Source Reduction												
244	tailor shop	Reuse hangers	12		145.60		M=1990						metal	0.14 lbs/hanger	CIWMB	0.07
245	T.V./Stereo Repair Service	return copier cartridge	3		5.00								other	5 lb/cartridge	business estimate	0.00
		reusable mugs instead of paper cups			5.42								paper	.01 lb/cup	business estimate	0.00
246	video rentals	no activity	12													0.00
247	Tooling & Machining Manufacture	recycle metal shavings, increase since 1990	12			360.00	M=before 1990						metal	60 lb/bin	business estimate	0.18
248	mortgage broker	no activity	3													0.00
249	Retail Paint Store	recycle OCC boxes	10		15,480.00								paper	50 lb/cy	Tellus	7.74
250	Construction & wood fabricator contractor	return toner cartridges	28		10.00								other	2.5 lbs/toner cartridge	U.S.EPA	0.01
		reusable mugs instead of paper cups			65.25								paper	.01 lb/cup	business estimate	0.03
		reuse small OCC boxes			1,435.50								paper	1.1 lb/box	U.S.EPA	0.72
251	Machine Shop	recycle ONP	12		258.00								paper	1 lb/newspaper	business estimate	0.13
		recycle magazines			22.80								paper	3 lbs/10 magazines	U.S.EPA	0.01
		reuse shop cloth			645.00								organic	6-10 cloths/lb	EcoTelsis field stud	0.32
252	bank	Paper shredded	16.5			5,505.50							paper	.77 lbs/gal	USEPA	2.78
		Toner cartridges sent back				52.80							other	2.5 lbs/cartridge	USEPA	0.03
253	Pharmaceutical/medicine manuf.	recycle OCC bales	900			442,000.00							paper	800-900 lbs/bale	business estimate	221.00
		recycle office mixed paper				17,424.00							paper	404 lb/cy	Tellus	8.71
		recycle damaged pallets				416,000.00							organic	40 lb/pallet	U.S.EPA	208.00
		return toner cartridges			650.00								other	2.5 lb/toner cartridge	U.S.EPA	0.33
		reuse 55 gal fiber drums			325,000.00								paper	15 lb/drum	UCLA	162.50
		central bulletin board implemented			140.85								paper	.01 lb/sheet	U.S.EPA	0.07
		reuse plastic 55 gal drums			39,000.00								plastic	15 lbs/drum	UCLA	19.50
		reuse plastic pallets instead of wood			40,000.00								organic	40 lb/pallet : 5 trips/pallet	U.S.EPA	20.00
254	Sand/Gravel-Trucking	recycle Office paper	1		600.00								paper	5 lb/ream	U.S.EPA	
		return toner cartridges			10.00								other	2.5 lb/toner cartridge	U.S.EPA	0.01
		implement voice mail			91.33								paper	.01 lb/sheet	U.S.EPA	0.05
255	Mfg/Aluminum Glazing Systems	recycle med OCC boxes	25			284.00							paper	2.2 lb/box	U.S.EPA	0.13
		recycle large OCC boxes				96.00							paper	4 lbs/box	U.S.EPA	0.05
		return toner cartridges			60.00								other	2.5 lb/toner cartridge	U.S.EPA	0.03
		recycle ONP				258.00							paper	1 lb/newspaper	business estimate	0.13
		reuse wooden pallets			960.00								organic	40 lb/pallet : 5 trips/pallet	U.S.EPA	0.48
		reuseable mugs instead of paper cups			18.06								paper	.01 lb/cup	business estimate	0.01
256	HVAC Firms Supply	recycle med OCC boxes	16			11,352.00							paper	2.2 lb/box	U.S.EPA	5.68
		recycle large OCC boxes				10,320.00							paper	4 lb/box	U.S.EPA	5.16
		recycle wooden pallets				5,760.00							organic	40 lb/pallet	U.S.EPA	2.88
		return toner cartridges			60.00								other	5 lb/cartridge	U.S.EPA	0.03
257	Concrete demolition and disposal (admin office and mech)	Office paper duplex/scratch	50		45.00								paper	5lbs/ream	USEPA	0.02
		OCC occasional reuse			120.00								paper	10lbs/mo	business estimate	0.06
		Scrap metal (in business five years)					250.00	M=1996					metal	250lbs/yr	business estimate	0.13
		Machine shop reuse short ends				1,250.00	M=1996						metal	1,250lbs/yr	business estimate	0.63
		Wood pallets to employees for firewood			400.00								other org	40lbs/each	CIWMB	0.20
258	Manufacture and distribute concrete tiles	Office paper duplex/scratch	81										paper	5lbs/ream	USEPA	0.05
		OCC reuse			105.00								paper	50lbs/mo	business estimate	0.30
		Wood pallets (special) to broker				650,000.00							other org	50lbs/ea	business estimate	325.00
		Wood pallets (special) reuse			1,170,000.00								other org	50lbs/5	CIWMB	585.00
		Toner cartridge sent back			25.00								other	2.5lbs/ea	USEPA	0.01
259	Wood Products Mfg	recycle wood scrap	14			685,422.00							organic	329.53 lb/cy	Tellus	342.71
260	yoga center	no activity	15													0.00
		Total Lbs	19,894,413.47		68,723,267.56	47,491.80	3,366,111.40		0.00	1,877,000.00	561.60					
		Total Tons	9,947.21		34,361.63	23.75	1,683.06		0.00	938.50	0.28					46,954.45